

11260.00

11261.00

11343.00

11959.00

BEFORE SUBMITTING YOUR BID

- 1. Use pen and ink to complete the Bid.**
- 2. Have you signed and completed the Contract Agreement, Offer & Award Forms?**
- 3. As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book.**
- 4. Have you included prices for all Bid Items? (“Zero is not considered a bid price.”)**
- 5. Have you included a bid guarantee? Acceptable forms are:**
 - A. Bid Bond on the Department’s prescribed form for 5% of the Bid Amount. (Or forms that do not contain any significant variations from the Department’s forms as solely determined by the Department.)**
 - B. Official Bank Check, Cashier’s Check, Certified Check, U.S. Postal Money Order or Negotiable Certificate of Deposit in the amount stated in the Notice to Contractors.**
- 6. If the written Bid is to be sent, Federal Express overnight delivery is suggested as the package is delivered directly to the DOT Headquarters Building in Augusta. Other means, such as U.S. Postal Services’ Express Mail has proven not to be reliable.**

AND FOR FEDERAL AID PROJECTS

- 7. Have you included your DBE Utilization commitment in the proper amounts and signed the DBE Certification?**

If you need further information regarding Bid preparation, call the DOT Contracts Section at (207)624-3430.

For complete specifications regarding bidding requirements, refer to Section 102 of the Maine Department of Transportation, Standard Specifications, Revision December 2002.

NOTICE

The Maine Department of Transportation is attempting to improve the way Bid Amendments/Addendums are handled, and allow for an electronic downloading of bid packages from our website, while continuing to maintain a planholders list.

Prospective bidders, subcontractors or suppliers who wish to download a copy of the bid package and receive a courtesy notification of project specific bid amendments, must provide an email address to Diane Barnes at the MDOT Contracts mailbox at: MDOT.contracts@maine.gov. Each bid package will require a separate request. Please provide us an email address, so we can maintain the planholders list that both the industry and MDOT uses.

Additionally, the new Acknowledgement of Bid Amendment form will be placed in MDOT bid packages beginning with the 2/12/03 advertisements. After that date, interested parties will be responsible for reviewing and retrieving the Bid Amendments from our web site, and acknowledging receipt and incorporating those Bid Amendments in their bids.

The downloading of bid packages from the MDOT website is not the same as providing an electronic bid to the Department. Electronic bids must be submitted via <http://www.BIDX.com>. For information on electronic bidding contract Rebecca Pooler at rebecca.pooler@maine.gov.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
Bid Guaranty-Bid Bond Form

KNOW ALL MEN BY THESE PRESENTS THAT _____

_____, of the City/Town of _____ and State of _____

as Principal, and _____ as Surety, a

Corporation duly organized under the laws of the State of _____ and having a usual place of

Business in _____ and hereby held and firmly bound unto the Treasurer of

the State of Maine in the sum of _____ for payment which Principal and Surety bind

themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

The condition of this obligation is that the Principal has submitted to the Maine Department of

Transportation, hereafter Department, a certain bid, attached hereto and incorporated as a

part herein, to enter into a written contract for the construction of _____

_____ and if the Department shall accept said bid

and the Principal shall execute and deliver a contract in the form attached hereto (properly

completed in accordance with said bid) and shall furnish bonds for this faithful performance of

said contract, and for the payment of all persons performing labor or furnishing material in

connection therewith, and shall in all other respects perform the agreement created by the

acceptance of said bid, then this obligation shall be null and void; otherwise it shall remain in full

force, and effect.

Signed and sealed this _____ day of _____ 20____

WITNESS:

WITNESS

PRINCIPAL:

By _____

By: _____

By: _____

SURETY:

By _____

By: _____

Name of Local Agency: _____

NOTICE

For security and other reasons, all Bid Packages which are mailed, shall be provided in double (one envelope inside the other) envelopes. The *Inner Envelope* shall have the following information provided on it:

Bid Enclosed - Do Not Open

PIN:

Town:

Date of Bid Opening:

Name of Contractor with mailing address and telephone number:

In Addition to the usual address information, the *Outer Envelope* should have written or typed on it:

Double Envelope: Bid Enclosed

PIN:

Town:

Date of Bid Opening:

Name of Contractor:

This should not be much of a change for those of you who use Federal Express or similar services.

Hand-carried Bids may be in one envelope as before, and should be marked with the following information:

Bid Enclosed: Do Not Open

PIN:

Town:

Name of Contractor:

INSTRUCTIONS FOR PREPARING THE CONTRACTOR'S DISADVANTAGED BUSINESS ENTERPRISE UTILIZATION PLAN

The Contractor Shall:

1. Submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan to the Contract's Engineer by 4:30 P.M. on the Bid day.
2. Extend equal opportunity to MDOT certified DBE firms (as listed in MDOT's DBE Directory of Certified Businesses) in the selection and utilization of Subcontractors and Suppliers.

SPECIFIC INSTRUCTIONS FOR COMPLETING THE FORM:

Insert Contractor name, the name of the person(s) preparing the form, and that person(s) telephone and fax number.

Provide total Bid price, Federal Project Identification Number, and location of the Project work.

In the columns, name each DBE firm to be used, provide the Unit or Item cost of the Work/Product to be provided by the DBE firm, give a brief description of the Work, and the dollar value of the Work.

If no DBE firm is to be utilized, the Contractor must document the reason(s) why no DBE firms are being used. Specific supporting evidence of good faith efforts taken by Contractors to solicit DBE Bidders must be attached. This evidence, as a minimum, includes phone logs, e-mail and/or mail DBE solicitation records, and the documented results of these solicitations.

NOTICE

The Department has revised the Disadvantaged Business Enterprise Proposed Utilization form and the procedure that has been used for the past several months for Contractors to submit the form.

The Apparent Low Bidder now must submit the form by close of Business (4:30 P.M.) on Bid day.

The new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan form contains additional information that is required by USDOT.

The Disadvantaged Business Enterprise Proposed Utilization Plan form will no longer be used. The new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan form must be used.

A copy of the new Contractor's Disadvantaged Business Enterprise Proposed Utilization Plan and instructions for completing it are attached.

Note: Questions about DBE firms, or to obtain a printed copy of the DBE Directory, contact Equal Opportunity at (207) 624-3066.

MDOT's DBE Directory of Certified firms can also be obtained at http://www.state.me.us/mdot/humnres/o_equalo/cdwbed_h.htm

NOTICE

Bidders:

Please use the attached “Request for Information” form when faxing questions and comments concerning specific Contracts that have been Advertised for Bid. Include additional numbered pages as required.

REQUEST FOR INFORMATION

Response By:_____ Date:_____

CONTRACTOR'S DISADVANTAGED BUSINESS ENTERPRISE PROPOSED UTILIZATION PLAN

Low Bidder shall furnish completed form to Contracts Section by 4:30 P.M. on Bid Opening day.

TO: MDOT Contracts Section
16 State House Station,
Augusta, Me 04333-0016
or
Fax: 207-624-3431

Contractor: _____

Prepared by: _____

Telephone: _____ Fax: _____

BID PRICE: \$ _____ FEDERAL PROJECT # _____ LOCATION: _____

TOTAL DBE PARTICIPATION AS A PERCENT OF TOTAL BID PRICE = _____ %

DBE Firm*	Unit/Item Cost	Unit #	Description of work & Item Number	Actual \$ Value
Total >				

If no DBE firm(s) are used, bidder must document efforts made to secure DBE participation and attach supporting evidence of this effort:

_____.

Examples: Bidder relies wholly upon low quote subcontractor section, DBE firm(s) were not low quote.
No DBE firms bid.

*Only DBE firms certified by MDOT prior to bidding can be utilized by Contractor for DBE credit.
Directory of certified DBEs is available on MDOT's website: www.state.me.us/mdot

Equal Opportunity Use:

Plan received ____/____/____ Verified by: _____ Action: _____



Office of Human Resources

Equal Opportunity

MAINE DEPARTMENT OF TRANSPORTATION

Certified Disadvantaged and Women Business Enterprise

DBE DIRECTORY - MINORITY OWNED

WBE DIRECTORY - WOMEN OWNED

WEBSITE FOR DIRECTORY CAN BE FOUND AT:

http://www.state.me.us/mdot/humnres/o_equalo/cdwbed_h.htm

It is the responsibility of the Contractor to access the DBE Directory at this site in order to have the most current listings.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION NOTICE TO CONTRACTORS

Sealed Bids addressed to the Maine Department of Transportation, Augusta, Maine 04333 and endorsed on the wrapper "Bid for a Hot Mix Asphalt Overlay in the towns of **Sherman, Stacyville, Patten, Millinocket, Medway, T1 R5 WELS and Silver Ridge township**" will be received from contractors at the Reception Desk, Maine DOT Building, Child Street, Augusta, Maine, until 11:00 o'clock A.M. (prevailing time) on February 18, 2004 and at that time and place publicly opened and read. Bids will be accepted from contractors prequalified by the Department of Transportation for highway construction or paving projects. All other Bids may be rejected. **MDOT provides the option of electronic bidding. We accept electronic bids for those bid packages posted on the bidx.com website. Electronic bids do not have to be accompanied by paper bids. Please note: the Department will accept a facsimile of the bid bond; however, the original bid bond must then be received at the MDOT Contract Section within 72 hours of the bid opening.** Until further notice, dual bids (one paper, one electronic) will be accepted, with the paper copy taking precedence.

Description: Maine Federal Aid Project No. STP-A126(000)X, PIN 11260.00; STP-1126(100)X, PIN 11261.00; STP-1134(300)X, PIN 11343.00; IM-95-1195(900)E, PIN 11959.00

Location: In Aroostook County, project STP-A126(000)X is located in Sherman, Stacyville and Patten on Route 11 beginning 1.52 miles southerly of the Stacyville town line and extending northerly 8.77 miles. Project STP-1126(100)X is located in T1 R5 WELS, Silver Ridge Twp and the Town of Sherman on Route 2 beginning in T1 R5, 0.06 of a mile southerly of the Silver Ridge Twp town line and extending northerly 10.49 miles. In Penobscot County, project STP-1134(300)X is located in Millinocket on Route 11 beginning 0.06 of a mile westerly of Ash Street and extending easterly 1.34 miles. Project IM-95-1195(900)E is the northbound and southbound rest areas located in Medway on I-95.

Outline of Work: ¾ Inch Hot Mix Asphalt Overlay and other incidental work.

For general information regarding Bidding and Contracting procedures, contact Bruce Carter at (207)624-3430. Our webpage at <http://www.state.me.us/mdot/project/design/homepg.htm> contains a copy of the schedule of items, Plan Holders List, written portions of bid amendments (not drawings), and bid results. For Project-specific information fax all questions to **Jamie Andrews** at (207)624-3401. Questions received after 12:00 noon of Monday prior to bid date will not be answered. Bidders shall not contact any other Departmental staff for clarification of Contract provisions, and the Department will not be responsible for any interpretations so obtained. Hearing impaired persons may call the Telecommunication Device for the Deaf at (207)287-3392.

Specifications and bid forms may be seen at the Maine DOT Building in Augusta, Maine and at the Department of Transportation's Division Office in Presque Isle. They may be purchased from the Department between the hours of 8:00 a.m. to 4:30 p.m. by cash, credit card (Visa/Mastercard) or check payable to Treasurer, State of Maine sent to Maine Department of Transportation, Attn.: Mailroom, 16 State House Station, Augusta, Maine 04333-0016. They also may be purchased by telephone at (207)624-3536 between the hours of 8:00 a.m. to 4:30 p.m. Bid Book \$10 (\$13 by mail), Single Sheets \$2, payment in advance, all non-refundable.

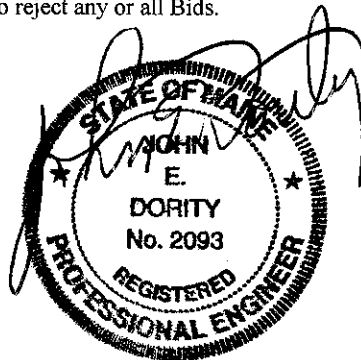
Each Bid must be made upon blank forms provided by the Department and must be accompanied by a bid bond at 5% of the bid amount or an official bank check, cashier's check, certified check, certificate of deposit, or United States postal money order in the amount of \$65,000 payable to Treasurer, State of Maine as a Bid guarantee. A Contract Performance Surety Bond and a Contract Payment Surety Bond, each in the amount of 100 percent of the Contract price, will be required of the successful Bidder.

This Contract is subject to all applicable Federal Laws. This contract is subject to compliance with the Disadvantaged Business Enterprise program requirements as set forth by the Maine Department of Transportation.

All work shall be governed by "State of Maine, Department of Transportation, Standard Specifications, Revision of December 2002", price \$10 [\$13 by mail], and Standard Details, Revision of December 2002, price \$20 [\$25 by mail] Standard Detail updates can be found at <http://www.state.me.us/mdot/project/design/homepg.htm>

The right is hereby reserved to the MDOT to reject any or all Bids.

Augusta, Maine
January 28, 2004



JOHN E. DORITY
CHIEF ENGINEER

SPECIAL PROVISION 102.7.3
ACKNOWLEDGMENT OF BID AMENDMENTS
&
SUBMISSION OF BID BOND VALIDATION NUMBER (IF APPLICABLE)

With this form, the Bidder acknowledges its responsibility to check for all Amendments to the Bid Package. For each Project under Advertisement, Amendments are located at <http://www.state.me.us/mdot/comprehensive-list-projects/project-information.php>. It is the responsibility of the Bidder to determine if there are Amendments to the Project, to download them, and to incorporate them into their Bid Package. The Maine DOT will not post Bid Amendments any later than noon the day before Bid opening.

Amendment Number	Date

The Contractor, for itself, its successors and assigns, hereby acknowledges that it has received all of the above referenced Amendments to the Bid Package. Failure to acknowledge receipt of all Amendments to the Bid Package will be considered a Non-curable Bid Defect in accordance with Section 102.11.1 of the Standard Specifications, Revision of December 2002.

CONTRACTOR

Date

Signature of authorized representative

(Name and Title Printed)

Bid Bond Validation Number _____
(Applicable to annual bid bonds or electronic bid bonds.)

MAINE DEPARTMENT OF TRANSPORTATION

BID

DATE OF OPENING :

CALL ORDER :

CONTRACT ID : 011260.00

PROJECTS

STP-A126(000)X

STP-1126(100)X

STP-1134(300)X

IM-95-1195(900)E

COUNTY : AROOSTOOK
PENOBSCOT

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 1

SCHEDULE OF ITEMS

DATE: 040122

REVISED:

CONTRACT ID: 011260.00

PROJECT(S): STP-A126(000)X
 STP-1126(100)X
 STP-1134(300)X
 IM-95-1195(900)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE ----- DOLLARS CTS		BID AMOUNT ----- DOLLARS CTS	
------------	---------------------	----------------------------------	--------------------------------------	--	--------------------------------------	--

SECTION 0001 HIGHWAY ITEMS

0010	202.202 REMOVING PAVEMENT SURFACE	1350.000 SY				
0020	202.203 PAVEMENT BUTT JOINTS	2180.000 SY				
0030	204.20 ADD SHOULDER AGGREGATE TO EXISTING SHOULDER, PLAN QUANTITY	47680.000 SY				
0040	304.103 AGGREGATE SUBBASE - GRAVEL (TRUCK MEASURE)	280.000 CY				
0050	403.209 HOT MIX ASPHALT 9.5 MM HMA (SIDEWALKS, DRIVES, INCIDENT ALS)	500.000 T				
0060	403.210 HOT MIX ASPHALT 9.5 MM HMA	17360.000 T				
0070	403.212 HOT MIX ASPHALT 4.75 MM HMA	12940.000 T				
0080	409.15 BITUMINOUS TACK COAT APPLIED	10840.000 G				
0090	411.10 UNTREATED AGGREGATE SURFACE COURSE (TRUCK MEASURE)	1010.000 CY				

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 2

SCHEDULE OF ITEMS

DATE: 040122

REVISED:

CONTRACT ID: 011260.00

PROJECT(S): STP-A126(000)X
 STP-1126(100)X
 STP-1134(300)X
 IM-95-1195(900)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE DOLLARS CTS	BID AMOUNT DOLLARS CTS
0100	411.12 CRUSHED STONE SURFACE	20.000 T		
0110	604.182 CLEAN EXISTING CATCH BASIN AND MANHOLE	28.000 EA		
0120	605.09 6 INCH UNDERDRAIN TYPE B	300.000 LF		
0130	627.76 TEMPORARY PVMT. MARK LINE, W OR YELLOW	LUMP	LUMP	
0140	629.05 HAND LABOR, STRAIGHT TIME	25.000 HR		
0150	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	25.000 HR		
0160	631.11 AIR TOOL (INCLUDING OPERATOR)	25.000 HR		
0170	631.12 ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	30.000 HR		
0180	631.14 GRADER (INCLUDING OPERATOR)	20.000 HR		
0190	631.172 TRUCK - LARGE (INCLUDING OPERATOR)	45.000 HR		

MAINE DEPARTMENT OF TRANSPORTATION

PAGE: 3

SCHEDULE OF ITEMS

DATE: 040122

REVISED:

CONTRACT ID: 011260.00

PROJECT(S): STP-A126(000)X
STP-1126(100)X
STP-1134(300)X
IM-95-1195(900)E

CONTRACTOR : _____

LINE NO	ITEM DESCRIPTION	APPROX. QUANTITY AND UNITS	UNIT PRICE ----- DOLLARS CTS		BID AMOUNT ----- DOLLARS CTS	
0200	639.19 FIELD OFFICE TYPE B	1.000 EA				
0210	643.86 TRAFFIC SIGNAL LOOP DETECTORS	2.000 EA				
0220	652.38 FLAGGER	3530.000 HR				
0230	652.39 WORK ZONE TRAFFIC CONTROL	LUMP	LUMP			
0240	659.10 MOBILIZATION	LUMP	LUMP			
	SECTION 0001 TOTAL					
	TOTAL BID					

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street, Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

_____ a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, STP-A126(000)X, PIN 11260.00; STP-1126(100)X, PIN 11261.00; STP-1134(300)X, PIN 11343.00; IM-95-1195(900)E, PIN 11959.00, for the Hot Mix Asphalt Overlay in the towns of Sherman, Stacyville, Patten, Millinocket, Medway, T1 R5 WELS and Silver Ridge township, Counties of Aroostook and Penobscot, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before August 13, 2004. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is _____

\$_____ Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: STP-A126(000)X, PIN 11260.00; STP-1126(100)X, PIN 11261.00; STP-1134(300)X, PIN 11343.00; IM-95-1195(900)E, PIN 11959.00, for the Hot Mix Asphalt Overlay in the towns of Sherman, Stacyville, Patten, Millinocket, Medway, T1 R5 WELS and Silver Ridge township, Counties of Aroostook and Penobscot, State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at Child Street, Augusta, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and

_____ a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at _____

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, STP-A126(000)X, PIN 11260.00; STP-1126(100)X, PIN 11261.00; STP-1134(300)X, PIN 11343.00; IM-95-1195(900)E, PIN 11959.00, for the Hot Mix Asphalt Overlay in the towns of Sherman, Stacyville, Patten, Millinocket, Medway, T1 R5 WELS and Silver Ridge township, Counties of Aroostook and Penobscot, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before August 13, 2004. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is _____

\$_____ Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications Revision of December 2002, Standard Details Revision of December 2002 as updated through advertisement, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of: STP-A126(000)X, PIN 11260.00; STP-1126(100)X, PIN 11261.00; STP-1134(300)X, PIN 11343.00; IM-95-1195(900)E, PIN 11959.00, for the Hot Mix Asphalt Overlay in the towns of Sherman, Stacyville, Patten, Millinocket, Medway, T1 R5 WELS and Silver Ridge township, Counties of Aroostook and Penobscot, State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of December 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents.

CONTRACTOR

Date

(Signature of Legally Authorized Representative
of the Contractor)

Witness

(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

Witness

CONTRACT AGREEMENT, OFFER & AWARD

AGREEMENT made on the date last signed below, by and between the State of Maine, acting through and by its Department of Transportation (Department), an agency of state government with its principal administrative offices located at 1705 U.S. Route 202, Winthrop, Maine, with a mailing address at 16 State House Station, Augusta, Maine 04333-0016, and (Name of the firm bidding the job) a corporation or other legal entity organized under the laws of the State of Maine, with its principal place of business located at (address of the firm bidding the job)

The Department and the Contractor, in consideration of the mutual promises set forth in this Agreement (the "Contract"), hereby agree as follows:

A. The Work.

The Contractor agrees to complete all Work as specified or indicated in the Contract including Extra Work in conformity with the Contract, PIN No. 1224.00, for the Hot Mix Asphalt Overlay in the town/city of West Eastport, County of Washington, Maine. The Work includes construction, maintenance during construction, warranty as provided in the Contract, and other incidental work.

The Contractor shall be responsible for furnishing all supervision, labor, equipment, tools supplies, permanent materials and temporary materials required to perform the Work including construction quality control including inspection, testing and documentation, all required documentation at the conclusion of the project, warranting its work and performing all other work indicated in the Contract.

The Department shall have the right to alter the nature and extent of the Work as provided in the Contract; payment to be made as provided in the same.

B. Time.

The Contractor agrees to complete all Work, except warranty work, on or before November 15, 2003. Further, the Department may deduct from moneys otherwise due the Contractor, not as a penalty, but as Liquidated Damages in accordance with Sections 107.7 and 107.8 of the State of Maine Department of Transportation Standard Specifications, Revision of December 2002.

C. Price.

The quantities given in the Schedule of Items of the Bid Package will be used as the basis for determining the original Contract amount and for determining the amounts of the required Performance Surety Bond and Payment Surety Bond, and that the amount of this offer is (Place bid here in alphabetical form such as One Hundred and Two dollars and 10 cents)
\$ (repeat bid here in numerical terms, such as \$102.10) Performance Bond and Payment Bond each being 100% of the amount of this Contract.

D. Contract.

This Contract, which may be amended, modified, or supplemented in writing only, consists of the Contract documents as defined in the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds. It is agreed and understood that this Contract will be governed by the documents listed above.

E. Certifications.

By signing below, the Contractor hereby certifies that to the best of the Contractor's knowledge and belief:

1. All of the statements, representations, covenants, and/or certifications required or set forth in the Bid and the Bid Documents, including those in Appendix A to Division 100 of the Standard Specifications Revision of December 2002 (Federal Contract Provisions Supplement), and the Contract are still complete and accurate as of the date of this Agreement.
2. The Contractor knows of no legal, contractual, or financial impediment to entering into this Contract.
3. The person signing below is legally authorized by the Contractor to sign this Contract on behalf of the Contractor and to legally bind the Contractor to the terms of the Contract.

F. Offer.

The undersigned, having carefully examined the site of work, the Plans, Standard Specifications, Revision of December 2002, Standard Details Revision of December 2002, Supplemental Specifications, Special Provisions, Contract Agreement; and Contract Bonds contained herein for construction of:

PIN 1234.00 West Eastport, Hot Mix Asphalt Overlay

State of Maine, on which bids will be received until the time specified in the "Notice to Contractors" do(es) hereby bid and offer to enter into this contract to supply all the materials, tools, equipment and labor to construct the whole of the Work in strict accordance with the terms and conditions of this Contract at the unit prices in the attached "Schedule of Items".

The Offeror agrees to perform the work required at the price specified above and in accordance with the bids provided in the attached "Schedule of Items" in strict accordance with the terms of this solicitation, and to provide the appropriate insurance and bonds if this offer is accepted by the Government in writing.

As Offeror also agrees:

First: To do any extra work, not covered by the attached "Schedule of Items", which may be ordered by the Resident, and to accept as full compensation the amount determined upon a "Force Account" basis as provided in the Standard Specifications, Revision of December 2002, and as addressed in the contract documents.

Second: That the bid bond at 5% of the bid amount or the official bank check, cashier's check, certificate of deposit or U. S. Postal Money Order in the amount given in the "Notice to Contractors", payable to the Treasurer of the State of Maine and accompanying this bid, shall be forfeited, as liquidated damages, if in case this bid is accepted, and the undersigned shall fail to abide by the terms and conditions of the offer and fail to furnish satisfactory insurance and Contract bonds under the conditions stipulated in the Specifications within 15 days of notice of intent to award the contract.

Third: To begin the Work on the date specified in the Engineer's "Notice to Commence Work" as stated in Section 107.2 of the Standard Specifications Revision of 2002 and complete the Work within the time limits given in the Special Provisions of this Contract.

Fourth: The Contractor will be bound to the Disadvantaged Business Enterprise (DBE) Requirements contained in the attached Notice (Additional Instructions to Bidders) and submit a completed Contractor's Disadvantaged Business Enterprise Utilization Plan by 4:30pm on the day of bid opening to the Contracts Engineer.

Fifth: That this offer shall remain open for 30 calendar days after the date of opening of bids.

Sixth: The Bidder hereby certifies, to the best of its knowledge and belief that: the Bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of competitive bidding in connection with its bid, and its subsequent contract with the Department.

IN WITNESS WHEREOF, the Contractor, for itself, its successors and assigns, hereby execute two duplicate originals of this Agreement and thereby binds itself to all covenants, terms, and obligations contained in the Contract Documents

Date

(Witness Sign Here)
Witness

CONTRACTOR
(Sign Here)

(Signature of Legally Authorized Representative
of the Contractor)

(Print Name Here)
(Name and Title Printed)

G. Award.

Your offer is hereby accepted.
documents referenced herein.

This award consummates the Contract, and the

MAINE DEPARTMENT OF TRANSPORTATION

Date

By: David A. Cole, Commissioner

(Witness)

BOND # _____

CONTRACT PERFORMANCE BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **and the State of** _____, as principal,
and _____,
a corporation duly organized under the laws of the State of _____ and having a
usual place of business _____,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine in the sum
of _____ **and 00/100 Dollars (\$** _____ **)**,
to be paid said Treasurer of the State of Maine or his successors in office, for which
payment well and truly to be made, Principal and Surety bind themselves, their heirs,
executors and administrators, successors and assigns, jointly and severally by these
presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of _____
promptly and faithfully performs the Contract, then this
obligation shall be null and void; otherwise it shall remain in full force and effect.

The Surety hereby waives notice of any alteration or extension of time made by the State
of Maine.

Signed and sealed this _____ day of _____, 20_____.

WITNESSES:

Signature.....
Print Name Legibly

Signature

Print Name Legibly

SURETY ADDRESS:

.....
.....
.....

TELEPHONE.....

SIGNATURES:

CONTRACTOR:

.....
Print Name Legibly

SURETY:

.....
Print Name Legibly

NAME OF LOCAL AGENCY:

ADDRESS

.....
.....

BOND # _____

CONTRACT PAYMENT BOND
(Surety Company Form)

KNOW ALL MEN BY THESE PRESENTS: That _____
_____ **and the State of** _____, as principal,
and _____
a corporation duly organized under the laws of the State of _____ and having a
usual place of business in _____,
as Surety, are held and firmly bound unto the Treasurer of the State of Maine for the use
and benefit of claimants as herein below defined, in the sum of
_____ **and 00/100 Dollars (\$** _____ **)**
for the payment whereof Principal and Surety bind themselves, their heirs, executors and
administrators, successors and assigns, jointly and severally by these presents.

The condition of this obligation is such that if the Principal designated as Contractor in
the Contract to construct Project Number _____ in the Municipality of
_____ promptly satisfies all claims and demands incurred for all
labor and material, used or required by him in connection with the work contemplated by
said Contract, and fully reimburses the obligee for all outlay and expense which the
obligee may incur in making good any default of said Principal, then this obligation shall
be null and void; otherwise it shall remain in full force and effect.

A claimant is defined as one having a direct contract with the Principal or with a
Subcontractor of the Principal for labor, material or both, used or reasonably required for
use in the performance of the contract.

Signed and sealed this _____ day of _____, 20 .. .

WITNESS:

SIGNATURES:

CONTRACTOR:

Signature.....

Print Name Legibly

SURETY:

Signature.....

Print Name Legibly

SURETY ADDRESS:

NAME OF LOCAL AGENCY:

ADDRESS

.....

TELEPHONE

SPECIAL PROVISION PARTNERING

The successful bidder will have the opportunity to enter into a cooperative partnership agreement with the State Department of Transportation for the contract. The objective of this agreement is the effective completion of the work on time and to the standard of quality that will be a source of pride to both the State and the Contractor. The partnering agreement will not affect the terms of the contract. It is intended only to establish an environment of cooperation between the parties. If the partnering agreement is accepted.

1. Contractor shall select and provide a third-party facilitator to conduct the team building workshop for the Contractor and Department personnel. Facilitator selection shall require Department concurrence. The cost for the facilitator and his associated expenses will be shared equally by the Department on the next monthly estimate, following receipt of invoice(s) from the Contractor, on an extra work basis.
2. Contractor and Department will exchange lists of the key personnel to be participants in the workshop. The list will contain the name and job title of each person, a contact phone number, and the address for job related correspondence.
3. The Contractor shall select the location and make all arrangements for space as required by facilitator, and for any meals required. This cost to be shared equally.
4. A working arrangement for the partnership will be agreed upon in writing at the workshop. The arrangement will set out the mutually recognized goals and expectation of the parties.
5. The Contractor and the Department agree to make an effort to maintain identified key personnel assigned to the work for its duration. A timely notice by each shall be given if changes by either must be made.
6. Project issues shall be processed in the manner agreed upon by the parties during the orientation.
7. Follow-up workshops may be held periodically throughout the duration of the contract as agreed by the Contractor and the Department.
8. The Partnering Agreement is not intended to be a legal document. Failure by either party to follow the process identified will not be grounds for any claim under the contract.
9. ARE YOU INTERESTED IN THIS OPPORTUNITY? YES _____ NO _____

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SHERMAN-STACYVILLE-PATTEN AROOSTOOK & PENOBSCOT COUNTIES

STP-A126(000)X

BEGIN PROJECT STA. 249+00

END PROJECT STA. 712+55

ROUTE 11

STP-A126(000)X

PROJECT LENGTH : 8.77 MILES

PPM



HAPPY CORNER RD OR
SOUTH PATTEN RD

TOWN LINE PATTEN
TOWN LINE STACYVILLE

RAILROAD STA. 341+29

COUNTY LINE STA. 331+27

TO STACYVILLE

TO PATTEN

STA. 712+55

STA. 249+00

LAYOUT PLAN

TRAFFIC DATA		Sec. 1
Current (2004) AADT		3590
Future (2016) AADT		4240
DHV - % of AADT		9
Design Hour Volume		420
% Heavy Trucks (AADT)		9
% Heavy Trucks (DHV)		12
Directional Distribution (DHV)		52
18 kip Equivalent P 2.0		293
18 kip Equivalent P 2.5		279
Design Speed (mph)		50

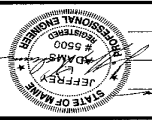
3/4" HOT MIX ASPHALT OVERLAY

LOCATION MAP



Scale in Miles

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER	1/23/04	1/23/04
CHIEF ENGINEER		

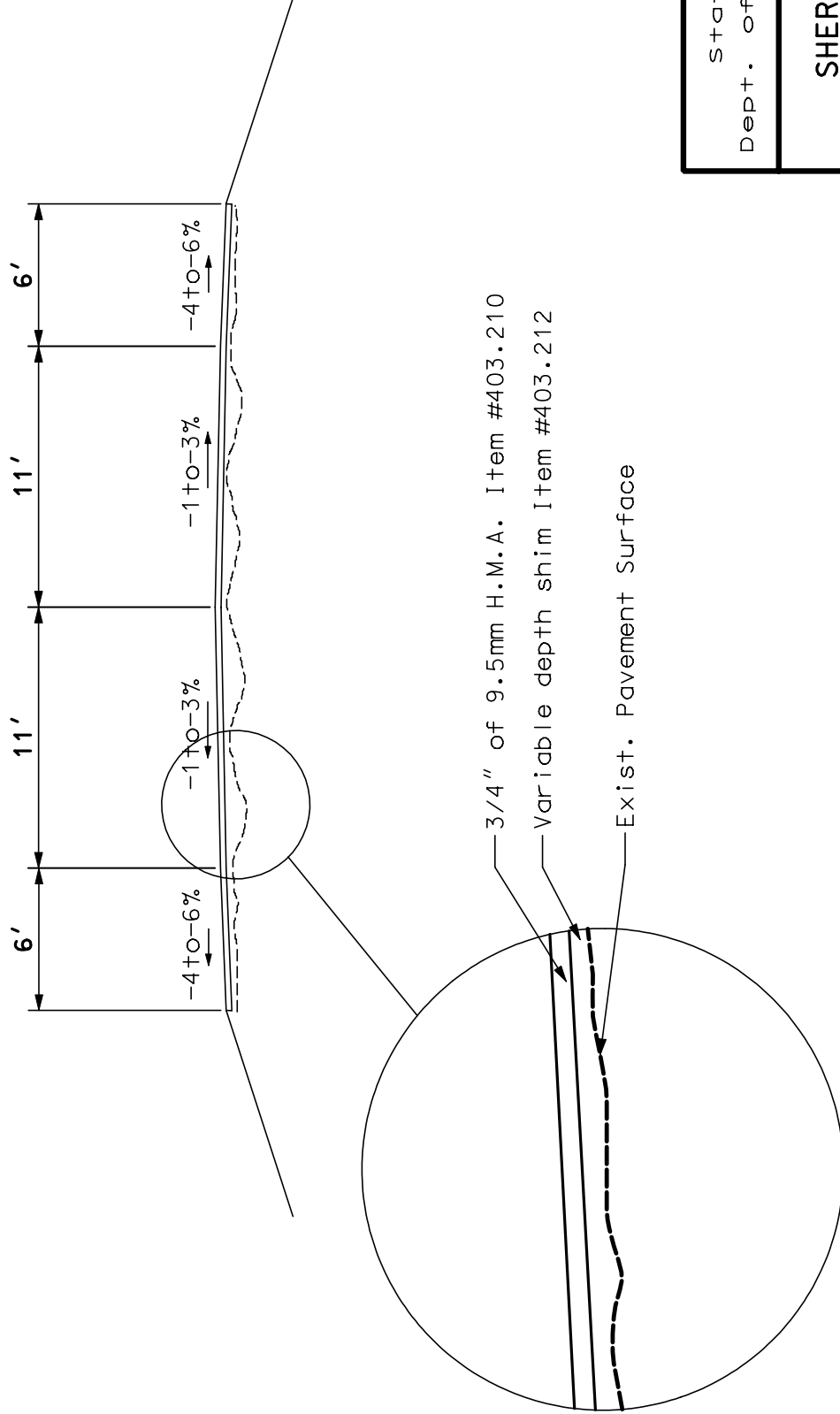


PROJECT INFORMATION	PROJECT NUMBER	5500
PROJECT MANAGER	DATE SPOKES	
REGION		
CONTRACTOR	PROJECT RESIDENT	
PROJECT COMPLETION DATE		

SHERMAN TO PATTEN
ROUTE 11
TITLE SHEET

SHEET NUMBER
1
OF 1

HOT MIX ASPHALT SHIM AND OVERLAY NORMAL SECTION



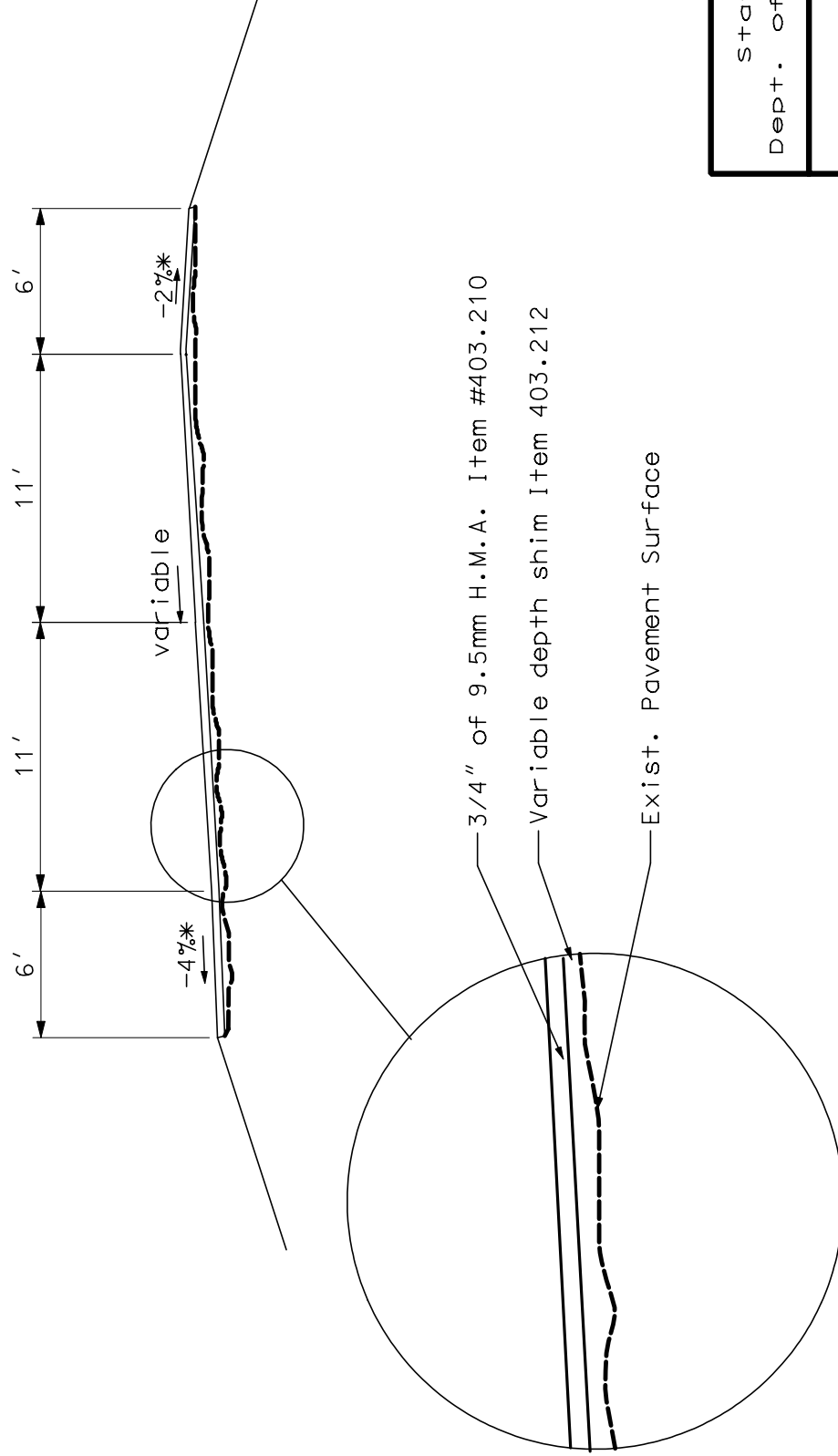
IMPERIAL
NOT TO SCALE

State of Maine
Dept. of Transportation

SHERMAN -PATTEN
Rte. 11
Proj # STP-A126(000)X

SHEET 1 of 4
1/12/04

HOT MIX ASPHALT SHIM AND OVERLAY SUPERELEVATION



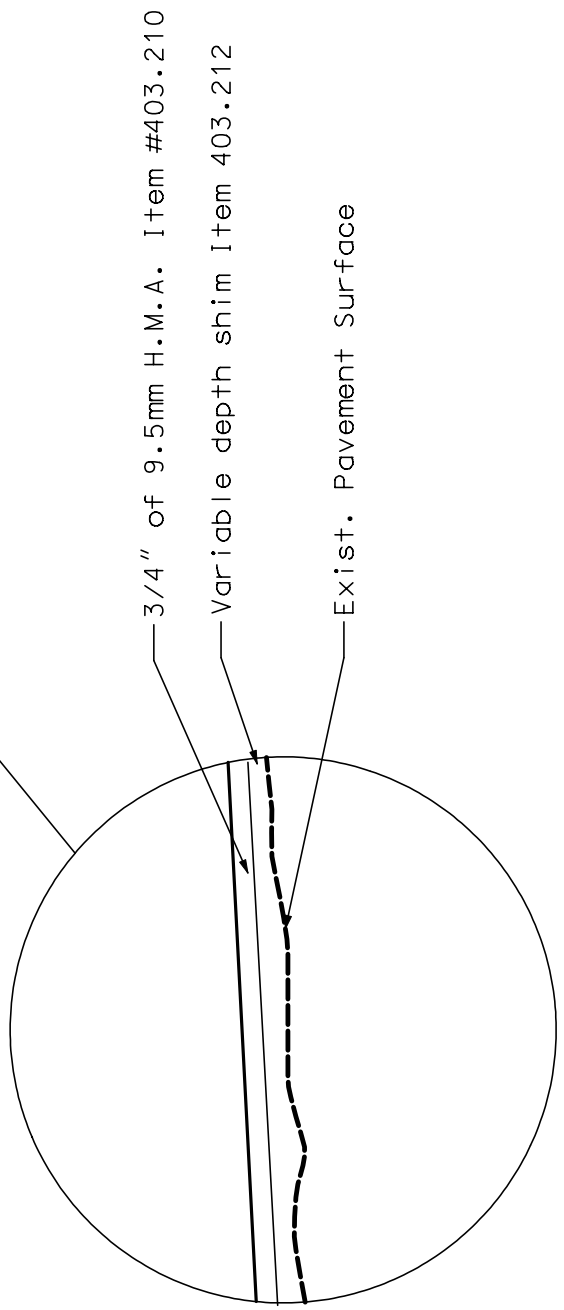
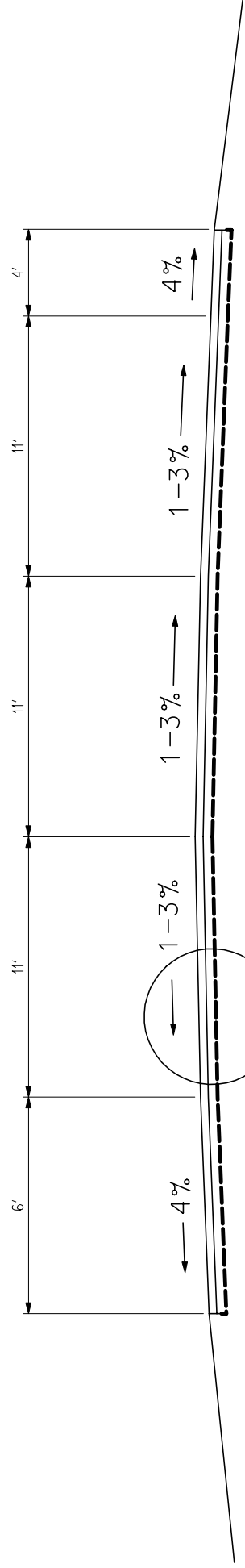
IMPERIAL
NOT TO SCALE

State of Maine
Dept. of Transportation

SHERMAN - PATTEN
Rte. 11
Proj # STP-A126(000)X
SHEET 2 of 4
1/12/04

Notes:
*Shoulders shall have a cross slope of 2% on the high side of the superelevation when the algebraic difference in the rate of cross slope exceeds 8%
When the travelway super exceeds 4%, low side shoulder slope will have same slope as travelway.

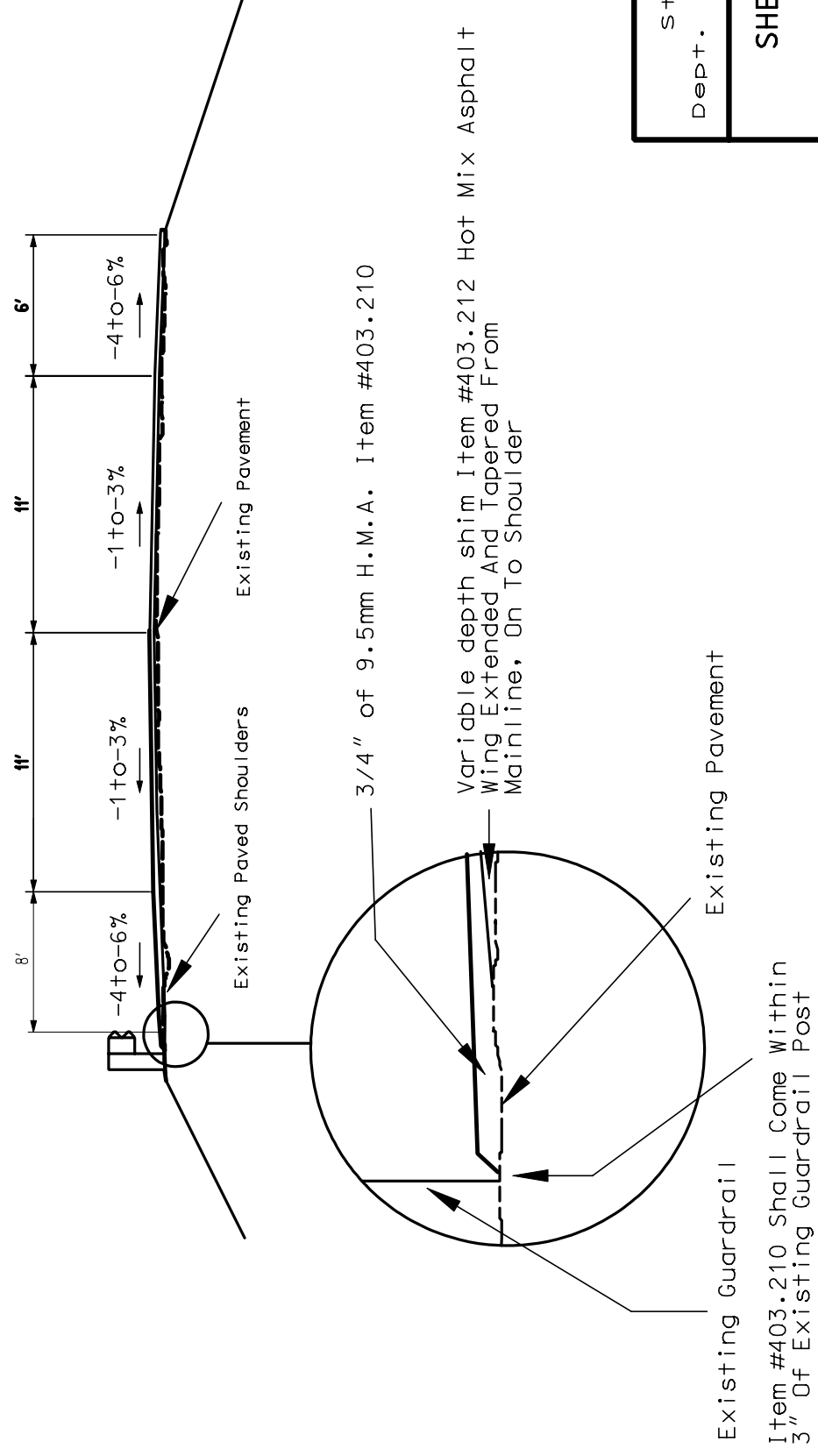
HOT MIX ASPHALT SHIM AND OVERLAY
WITH TRUCK LANE
STATION 664+91.00 TO 705+00.00



IMPERIAL
NOT TO SCALE

State of Maine Dept. of Transportation
SHERMAN - PATTEN Rte. 11 Proj # STP-A126(000)X
SHEET 3 of 4 1/12/04

Hot Mix Asphalt + Shim and Overlay Guardrail Sections



IMPERIAL
NOT TO SCALE

State of Maine
Dept. of Transportation

SHERMAN - PATTEN
Rte. 11
Proj # STP-A126(000)X

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
		249+00	Begin Project	
p22		249+20	Begin gravel yard	
		249+27		
	paved drive	249+56		
		250+03	end gravel yard	
		250+34	gravel drive	
	paved drive	250+89		
p23		251+07		
		252+43	gravel drive	
		252+72		s
p24		253+12		
		255+57	x-pipe	
p25		255+73		
		256+69	f.e,	
p26		258+13		
		260+25	begin guardrail	
p27		260+70		
		261+94	x-pipe	
	f.e.	262+63		
804		262+77		
	gravel drive	263+50		
		264+75	end guardrail	
803		265+85		
802		268+52		801
		268+70		800
		271+70		
	gravel drive	272+88		
		274+20		799
		276+62		798
		278+01	x-pipe	
		278+25	begin guardrail	
	gravel drive	278+69		
		279+22		797
	gravel drive	279+39		
	paved drive	280+31		
		281+96		796
		284+72		795
	x-pipe	286+39		
	gravel drive	286+54		
		288+50	end guardrail	
		289+80		793
	paved drive	291+99		
		292+44		792
		295+17		791
		298+00		790
789		300+38		
		301+08	c.b.	
		301+30	paved drive	
		301+90	paved drive	
43		302+24		
		302+50	c.b.	
		302+91	gravel drive	
		304+25	gravel drive	
		305+07		787
		305+33	gravel drive	
		307+24		786
	gravel drive	308+54		
		309+14	paved drive	
	begin guardrail	308+89		
		309+23	begin guardrail	
		309+36		785
		311+94		784
	end guardrail	313+93		
	gravel drive	314+41		
		314+76	end guardrail	
	gravel drive	315+59		
782		316+67		
	paved drive	317+00		
		317+04		779
	gravel drive	319+25		
		319+36		778
	gravel drive	320+41		

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
	gravel drive	320+91		
		321+10		777
	begin paved yard	323+25		
		323+52		776
	end paved yard	325+22		
		325+24		775
		325+46	gravel drive	
		326+14	x-pipe	
	paved drive	326+35	gravel drive	
		326+54	gravel drive	
	paved drive	326+88		
		326+95		774
		327+06	gravel drive	
	paved drive	327+52		
		327+65	gravel drive	
	paved drive	328+24	paved drive	
	paved drive	328+78		
		329+02		773
		329+64	gravel drive	
		331+27	town line	
		331+47		772
774		332+09		
	begin guardrail	332+55		
		332+90	begin guardrail	
		333+79		771
	end guardrail	333+96		
		334+00	end guardrail	
	paved drive	334+10		
		334+27	gravel drive	
	gravel drive	334+58		
	gravel drive	335+10		59a
	begin paved yard	335+56	gravel drive	
		336+01		770
	end paved yard	336+11		
		336+18	paved drive	
	gravel drive	336+35		
		336+67	paved drive	
	gravel drive	336+85		
		337+60	gravel drive	
		338+14	cb	
	cb	338+40	gravel drive	
		338+91		769
	elm street	339+16		
	begin paved yard	339+30	paved drive	
	end paved yard	339+65		
		339+94	paved street	
		341+14	first rr track	
		341+44	second track	
	gravel drive	341+64		
		341+80	paved street	
	begin paved yard	341+92		
		342+40		power
	end paved yard	343+10		
		343+51	cb	
	paved drive	344+00		
		344+39	gravel drive	
	cb	344+72	b	
65		344+78	cb	
	paved drive	345+00		
		345+80	gravel drive	
	cb	346+03	cb	
66		346+23		
		346+36	gravel drive	
	paved drive	346+82		
	cb	347+36	cb	
67		347+51		
		347+71	Blakely St	
	paved yard	348+00		
		348+49	gravel drive	
	gravel drive	348+66		
	gravel drive	349+25		
		349+41	gravel drive	

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
68		349+90		
	paved yard	350+07	gravel drive	
		350+82	gravel drive	
		351+28	cb	
	paved drive	351+71		
69		351+87	paved drive	
	paved drive	352+53		
		352+76	paved drive	
	street	352+89		
70		353+12		
		353+35	paved drive	
	paved drive	354+14	paved drive	
71		354+63		
	gravel drive	354+79		
		355+12	paved drive	
72		355+91		
		355+93	gravel drive	
	gravel drive	356+04		
		356+60	gravel drive	
		357+06	gravel drive	
	gravel drive	357+25		
j		357+74		
		358+00	gravel drive	
		358+43	gravel drive	
		358+89	paved drive	
74		359+92		
		359+75	paved drive	
	gravel drive	359+94		
	cb	360+53	cb	
		360+80	paved yard	
75		361+29		
	gravel drive	363+26		
	gravel drive	364+47	cb	
		364+60		71
	cb	364+63		
	gravel drive	365+06		
		365+32	gravel drive	
	gravel drive	365+65		
		365+72	gravel drive	
	gravel drive	366+54		
	gravel drive	367+16		
		367+20	gravel drive	
	gravel drive	368+24		
		368+34	paved drive	
		368+92	field ent	
	cb	371+36		
		371+50		j
	field ent	372+54		
		373+13		82
		374+08	Begin gravel yard	
		375+79	end gravel yard	
		376+08		84
		377+92		85
		379+60		86
	field ent	379+76		
	entrance	380+15		
	entrance	380+87		
		381+17		87
	gravel drive	381+40		
	cb	381+79		
	gravel drive	382+19		
	gravel drive	382+78		88
	cb	383+34		
	gravel drive	383+50		
		383+82	gravel drive	
	gravel drive	383+99		
		384+16	cb	
	gravel drive	384+65		
	cb	384+91		
		385+07	paved yard	
		385+66	gravel yard	
		385+84		90

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
	gravel drive	386+09		
		386+62	gravel yard	
		387+21	cb	
		387+57	gravel yard	
	gravel drive	387+63		
	cb	388+02		
		388+06	gravel drive	
		388+32	cb	
	paved drive	388+55		
		389+24		92
		389+70	entrance	
	cb	390+12		93
		390+85		
		391+73	paved yard	
		392+40		94
		393+97		95
	side road	395+30		
		395+48	paved drive	
		396+06		157
		397+17		97
	gravel drive	398+19		
p		398+57		
		399+09		98
p		400+14		
service		401+78		99
	gravel drive	402+46		
	gravel drive	402+94		
		404+22		100
power		404+62		
		405+25	x-pipe	
		406+10		
		407+05		101
p		407+90		
	gravel drive	408+79		
		409+31		102
726		409+91		
		411+51		103
725		411+71		
		413+05		104
724		413+51		
		414+83	x-pipe	
		414+99		105
723		415+29		
		416+96		106
722		417+16		
		418+96		107
721		418+99		
		419+94	x-pipe	
720		420+90		
		423+23		109
		423+56	field ent	
		424+77		110
		426+47		111
		427+26	gravel drive	
		428+44		112
		430+31		113
		431+56	x-pipe	
		432+38		114
	curve sign	433+36		
	gravel drive	433+79		
		434+38		115
	gravel drive	434+94		
		435+82	curve sign	
		436+41		116
p		437+37		
		438+42		117
		439+20	begin widening	
	paved drive	439+89		
		440+29		118
		441+00	full width	
		441+73		119
	begin widening	442+00		

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
	full width	443+04	paved drive-end full width	
		443+21		120
	paved drive	443+53		
		445+27	end taper	121
		445+83	paved drive	
	full width	446+00		
	end taper	447+24		122
704		447+93	x-pipe	
		448+95		
		449+24		123
		449+57	woods ent	
703		451+18		124
		452+75		
		454+13		125
702		454+46		
		456+03	x-pipe	
		457+15		126
700		458+10		
		459+05	school bus stop	
		460+10		127
698		461+64		
		462+86		128
697		463+42		
		465+22		129
	field ent	466+04		
		467+65	x-pipe	
	gravel drive	468+89		
	gravel drive	469+45		
		470+54		131
		471+91	gravel drive	
po		472+37		
		473+26		132
		473+46	gravel drive	
		473+65	x-pipe	
	gravel drive	474+34		
		474+70	gravel drive	
689		675+15		
		675+78		133
		477+46	x-pipe	
		477+59	gravel drive	
	woods ent	478+38		
		478+64		134
	gravel drive	479+52		
		480+02	monument	
685		481+13		
		481+46		135
684		482+71		
	gravel drive	483+04		
		484+48		136
		485+23	woods ent	
		486+74	gravel drive	
		487+46		137
	gravel drive	488+32		
680	end gravel yard	489+33		
		490+02	gravel drive	
		490+61		138
		492+19	x-pipe	
78		492+48		
		493+30		139
677		494+03		
676		495+55		
		496+35		140
675		497+09		
674		498+55		
		498+79		141
		499+36	gravel drive	
		500+22	gravel drive	
	field ent	500+68		
		501+43		142
	gravel drive	501+59		
	gravel drive	502+41		
p		502+95		

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
		503+86		143
668		504+00		
		507+07		144
		508+34	gravel drive	
666		508+97		
		510+08		145
	woods ent	510+10		
665		510+60		
		510+76	field ent	
664		512+20		
		513+11		146
	paved drive	513+35		
663		514+00		
		515+60		147
662		515+80		
	woods ent	516+73		
661		517+32		
		518+13		148
659		520+80		
		521+12		149
		521+42	gravel drive	
658		522+47		
657		523+83		
		524+13		150
656		525+24		
		526+64		151
		527+30	gravel drive	
		527+80	town line	
		529+08		88
653		529+55		
		531+34		87
		532+96	gravel drive	
651		533+12		
		534+39		86
		534+49	gravel drive	
650		534+84		
		536+41		85
649		536+62		
		539+40		84
647		539+80		
		541+00	woods ent	
		542+41		83
		545+40		82
642		547+00		
		548+40		81
640		549+96		
		550+56		80
		550+89	gravel drive	
639		551+46		
638		552+96		
		553+52		79
637		554+41		
		556+52		78
		559+29		77
636	begin turn out	560+40		
		561+82		76
632	end turnout	561+94		
631		563+37		
		564+80		75
630		564+87		
629		566+34		
		567+80		74
627		569+46		
		570+33		73
		570+78	gravel drive	
626		571+07		
	gravel drive	571+95		
625		572+29		
		572+57	gravel drive	
624		574+28		
	gravel drive	574+58		71
623		575+91		

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
622		577+26		70
621		577+52		
		578+99		
		579+05		p
	gravel drive	579+80		
620		580+37		
		580+41		69
	gravel drive	581+10		
619		581+38		
		581+62	paved drive	
		581+90		68
	gravel drive	582+27		
618		582+67		
		583+38		67
	gravel drive	584+17		
617		584+45		
		584+90	paved drive	
616		586+19		
	gravel drive	586+50		
		587+45	gravel drive	
615		587+70		65
	gravel drive	588+18		
614		589+45		
		590+70		64
613		591+20		
		592+00	gravel drive	
612		592+96		
	gravel drive	593+88		
611		594+67		
		595+90	gravel drive	
		596+15		62
610		596+40		
	gravel drive	597+13		
2		597+45		
		599+19		61
3		599+36		
4		601+41		
5		602+16		60
		605+14		59
6		605+60		
		606+20	gravel drive	
		607+02		58
		607+30	gravel drive	
7		607+70		
		609+12		57
8		609+55		
		610+00	gravel yard	
	south patten road	610+50		
		611+03	gravel drive	
		611+31		56
9		612+08		
		613+29		55
10		614+39		
		615+39		54
11		616+70		
		618+38		53
12		619+02		
13		621+35		
		621+38		52
		622+00	begin paved yard	
14		623+65	end paved yard	
		624+30		51
		625+70	begin paved yard	
15		625+92		
	gravel drive	626+30		
		627+28		50
16		628+24		
		628+60	end paved yard	
	gravel drive	628+91		
		629+76	field ent	
	field ent	630+26		49
17		630+57		

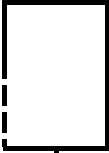
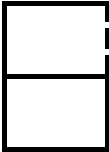
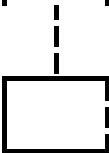
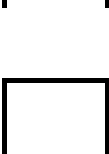

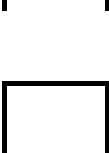

STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
18		632+90		
19		633+29		48
		635+17		
20		636+28		47
		637+49		
	gravel drive	638+33		
		639+24		46
	gravel drive	639+66		
21		639+83		
22		642+17		
		642+27		45
		644+19		44.5
		644+37	gravel drive	
23		644+63		
24		647+10		
	gravel drive	648+10		
		648+35		43
		648+68	gravel drive	
		649+05		
25		649+60		
		651+11		42
		651+33	gravel drive	
26		652+03		
	gravel drive	653+29		
	paved drive	654+03		41
27		654+46		
	gravel drive	656+05		
		656+50		40
28		656+90		
		657+00	gravel drive	
	gravel drive	657+31		
		658+00	begin turnout	
	end truck lane taper	658+50		
		658+36		39
		659+02	field ent	
29		659+35		
		659+59		38
	paved drive	660+23		
		661+11	end turnout	37
30		661+81		
		662+36		36
	paved drive	663+03		
		663+80		35
	field ent	664+14		
31		664+25		
	full width truck lane 44	664+91		
		665+23		34
	gravel drive	666+15	gravel drive	
32		666+60		
		666+65		33
		667+40	gravel drive	
		668+11		32
33		669+02		
	gravel drive	669+32		
		669+55		31
		670+34	field ent	
		670+94		30
34		671+60		
		671+90		29
		672+16	gravel drive	
	begin gravel yard	672+95		
		673+45	gravel drive	
		673+68		28
35		673+95		
		675+16		27
		675+35	gravel drive	
36		675+86		
		676+22		26
		676+58	paved drive	
37		677+72		25
		679+00		24
	paved drive	679+20		

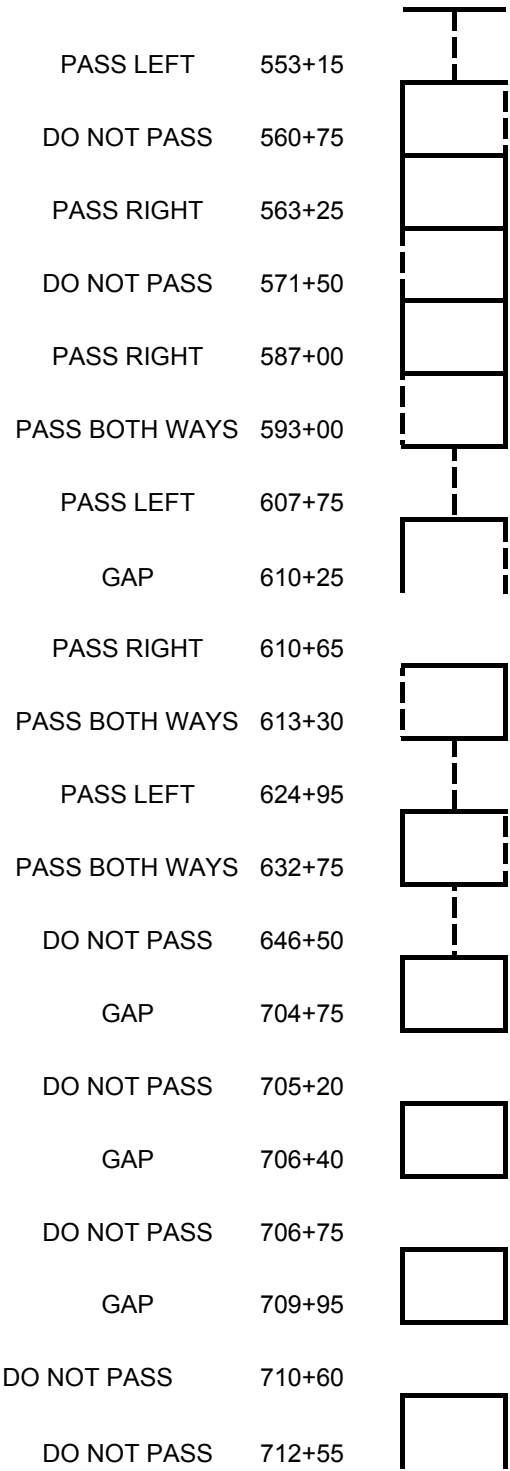
STP-A126(000)X
SHERMAN - PATTEN
Rte 11
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
38		679+62	gravel drive	
	begin paved yard	679+65		23
		680+40		22
		681+91		
	end paved yard	681+97		
	gravel drive	682+52		
39		682+66		
		683+24		21
40		684+50		
	gravel drive	684+95	paved drive	
	gravel drive	685+67		
44		685+80		
		686+11		19
	gravel drive	686+51		
231		687+58		
		689+50		22
		691+61		16
		693+20		558
p1		693+43		
		694+55	gravel drive	
		695+10	35 mph	
557		695+42		
		696+16	gravel drive	
	paved drive	697+50		
	cb	697+66	cb	
	gravel drive	697+77	gravel drive	
	cb	699+82		
555		699+93		
		700+34	paved drive	
		701+06	paved drive	
		702+04	paved drive	
11		702+08		
		703+72	cb	
		703+89	gravel drive	
	cb	704+10		
		704+45		553s
	full width truck lane 44 spruce st	704+98		
		705+15	cb	
		705+40	gravel drive	
	51' wide to end cb	705+74		
	begin guardrail	706+00		
		706+60	gravel drive	
		706+73	begin guardrail	
	cb	707+08		
	cb	707+84		
551		708+20		
550		709+82		
	end guardrail	710+20	end guardrail	
	paved street	710+32	paved street	
	cb	710+93	cb	
	cb	712+16	cb	
		712+55	end	

Pavement Marking Info

DO NOT PASS	249+00	
PASS RIGHT	250+54	
PASS BOTH WAYS	254+25	
PASS LEFT	259+80	
DO NOT PASS	267+05	
PASS RIGHT	300+70	
PASS BOTH WAYS	306+90	
PASS LEFT	311+60	
DO NOT PASS	318+70	
GAP	338+90	
DO NOT PASS	339+30	
GAP	341+80	
DO NOT PASS	342+40	
GAP	342+60	
DO NOT PASS	343+05	
GAP	352+60	
DO NOT PASS	353+00	
PASS RIGHT	371+90	
PASS BOTH WAYS	379+50	
PASS LEFT	391+70	

GAP	395+30	<div></div>
DO NOT PASS	395+48	<div></div>
PASS RIGHT	411+50	
DO NOT PASS	416+30	
PASS LEFT	419+40	
DO NOT PASS	424+40	
PASS RIGHT	448+60	
DO NOT PASS	458+25	
PASS RT	473+55	
PASS BOTH WAYS	481+65	
PASS LEFT	498+80	
PASS BOTH WAYS	503+85	<div></div>
PASS RIGHT	507+75	
PASS BOTH WAYS	511+00	<div></div>
PASS LEFT	519+30	
DO NOT PASS	527+75	
PASS RIGHT	529+30	
PASS BOTH WAYS	536+20	



STP-A126(000)X
 Sherman - Patten
 Rte. 11
 PPM

Construction Notes

202.203 PAVEMENT BUTT JOINTS

Side	Station	Station	Length (feet)	Width (feet)
BEGINNING	249+00.0	249+30.0	30.0	34.0
LT	249+56.0	249+96.0	40.0	1.0
LT	250+89.0	251+29.0	40.0	1.0
LT	292+44.0	292+84.0	40.0	1.0
RT	301+30.0	301+55.0	25.0	1.0
RT	301+90.0	302+15.0	25.0	1.0
RT	309+14.0	309+50.0	36.0	1.0
LT	317+00.0	317+36.0	36.0	1.0
LT	323+25.0	325+22.0	197.0	1.0
LT	326+35.0	326+75.0	40.0	1.0
LT	326+68.0	327+08.0	40.0	1.0
LT	328+04.0	328+44.0	40.0	1.0
RT	328+04.0	328+44.0	40.0	1.0
LT	327+52.0	327+92.0	40.0	1.0
LT	328+58.0	328+98.0	40.0	1.0
LT	333+90.0	334+30.0	40.0	1.0
LT	335+56.0	336+11.0	55.0	1.0
RT	336+00.0	336+40.0	40.0	1.0
RT	336+67.0	337+00.0	33.0	1.0
ELM ST	339+00.0	339+50.0	50.0	5.0
RT	339+10.0	339+50.0	40.0	1.0
LT	339+30.0	339+65.0	35.0	1.0
RT STREET	341+50.0	342+30.0	80.0	5.0
LT	341+92.0	343+10.0	118.0	1.0
LT	343+80.0	344+20.0	40.0	1.0
LT	344+80.0	345+20.0	40.0	1.0
LT	346+23.0	347+41.0	118.0	1.0
BLAKELY ST	347+31.0	348+20.0	89.0	3.0
LT	347+50.0	348+50.0	100.0	1.0
LT	350+60.0	351+04.0	44.0	1.0
RT	351+72.0	352+02.0	30.0	1.0
LT	352+40.0	352+70.0	30.0	1.0
RT	352+60.0	352+96.0	36.0	1.0
LT STREET	352+44.0	353+34.0	90.0	5.0
RT	353+20.0	353+52.0	32.0	1.0

STP-A126(000)X
 Sherman - Patten
 Rte. 11
 PPM

Construction Notes

RT	354+00.0	354+36.0	36.0	1.0
LT	353+94.0	354+34.0	40.0	1.0
RT	355+00.0	355+32.0	32.0	1.0
RT	358+69.0	359+09.0	40.0	1.0
RT	359+60.0	359+90.0	30.0	1.0
RT	360+55.0	361+05.0	50.0	1.0
RT	368+14.0	368+54.0	40.0	1.0
RT	384+60.0	385+44.0	84.0	1.0
LT	388+40.0	388+70.0	30.0	1.0
RT	391+50.0	392+00.0	50.0	1.0
LT	395+00.0	395+70.0	70.0	5.0
RT	442+90.0	443+14.0	24.0	1.0
LT	439+68.0	440+10.0	42.0	1.0
RT	445+60.0	445+87.0	27.0	1.0
LT	513+15.0	513+55.0	40.0	1.0
RT	581+50.0	581+82.0	32.0	1.0
RT	584+70.0	585+10.0	40.0	1.0
LT ROAD	610+20.0	610+70.0	50.0	5.0
RT	622+00.0	623+35.0	135.0	1.0
RT	625+70.0	628+60.0	290.0	1.0
LT	660+00.0	660+34.0	34.0	1.0
LT	665+80.0	666+24.0	44.0	1.0
RT	676+40.0	676+74.0	34.0	1.0
LT	679+00.0	679+40.0	40.0	1.0
LT	679+65.0	681+97.0	232.0	1.0
RT	684+80.0	685+15.0	35.0	1.0
LT	697+30.0	697+64.0	34.0	1.0
RT	700+20.0	700+48.0	28.0	1.0
RT	700+90.0	701+30.0	40.0	1.0
RT	701+90.0	702+24.0	34.0	1.0
RT	710+00.0	710+60.0	60.0	5.0
LT	710+00.0	710+60.0	60.0	5.0
END	712+30.0	712+55.0	25.0	52.0
TRACKS	340+50.0	340+75.0	25.0	34.0
TRACKS	341+75.0	342+00.0	25.0	34.0
C.B.S	+0	3+40.0	340.0	2.0

Mainline, Side Roads, Along paved drives and end of sidewalks, as required
 and as directed by Resident

Construction Notes

304.103 AGGR SUBB CRS-GRAVEL-TRUCK MS

Used in driveways, woods ents, and field entrances, as directed by resident

403.209 HOT MIX ASPHALT, 9.5 mm Nom. Max. Size **(sidewalks, drives, islands, and incidentals)**

Used for paved aprons at driveways, as directed by Resident.

Approximately 60 Paved drives and 100 paved aprons

403.210 HOT MIX ASPHALT, 9.5mm Nom. Max. Size

One 3/4 inch lift on mainline and paved shoulders

403.212 HOT MIX ASPHALT, 4.75mm - SHIMMING

One variable depth lift to reestablish grade for surface

409.15 BITUMINOUS TACK COAT APPLIED

Surface will be tacked before each coarse of HMA

411.10 UNTREATED AGGR SURFACE CRS, TRUCK MEASURE

Use in driveways, field and lawn entrances, as directed by Resident.

177 drives

411.12 CRUSHED STONE SURFACE

Use on crushed stone drives as directed by Resident

GENERAL NOTES

1. All joints between existing and proposed hot bituminous pavement shall be butted. Payment shall be made under Item 202.203 Pavement Butt Joint.
2. Construct Butt Joints at all paved drives and entrances.
3. Where deemed necessary by the Resident, winter sand shall be removed from the edges of shoulders and placed in designated areas or disposed of. Payment will be made under the appropriate hourly rental items.
4. The Contractor shall place suitable existing material, or other material acceptable to the Resident, on all pavement edges to allow no greater than a 40 mm [1 ½ in] drop-off and be graded to 3:1 or flatter. Payment to be incidental to the contract.
5. All waste material not used on the project shall be disposed of off the project in waste areas approved by the Resident
6. Any damage to the slopes caused by the Contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense.
7. A 3 ft paved lip shall be placed at all gravel entrances, except woods and field entrances, unless otherwise directed by the Resident.
8. Item # 411.10, Untreated Aggregate Surface Course, may also meet the gradation requirements of item # 204.20, Add Shoulder Aggregate.
9. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
10. All existing paved shoulders and widenings to be resurfaced as directed by the Resident.
11. Shoulder shim shall taper to 0 mm [0 in] at face of existing curb and guardrail.
12. When super elevation exceeds the slope of the low side shoulder, the shoulder will have same slope as traveled way.
13. "Undetermined Locations" shall be determined by the Resident.
14. Stations referenced are approximate.
15. Grind transition tapers at Catch Basins under Item No. 202.203, Pavement Butt Joints, as directed by the Resident.
16. All work shall be done in accordance with the Maine Department of Transportation's Best Management Practices for Erosion Control & Sediment Control, January, 2000.
17. MDOT will final stripe the project. The Contractor is responsible for transferring the existing striping pattern to the surface course.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SILVER RIDGE - SHERMAN AROOSTOOK COUNTY

ROUTE 2

STP-1126(100)X

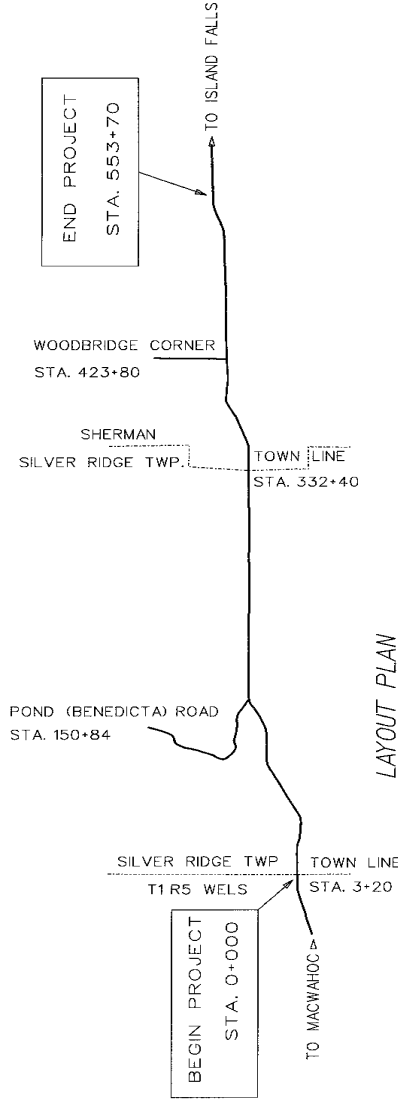
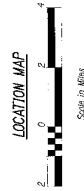
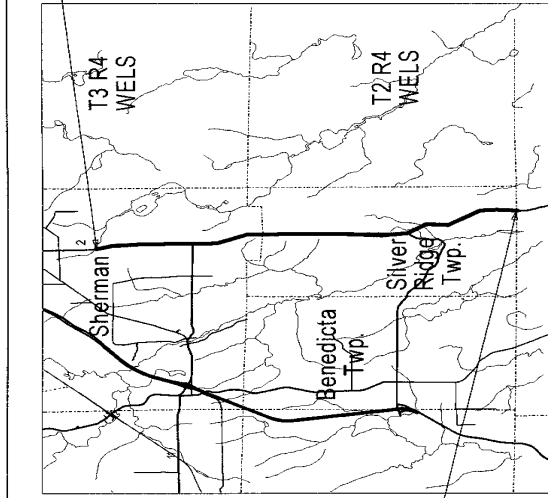
PROJECT LENGTH : 10.49 MILES

PPM

STP-1126(100)X

STA. 0+000 BEGIN PROJECT

STA. 553+70 END PROJECT



TRAFFIC DATA	Sec. 1	Sec. 2
Current (2004) AADT	650	360
Future (2016) AADT	730	400
DHV - % of AADT	9	12
Design Hour Volume	70	52
% Heavy Trucks (AADT)	22	38
% Heavy Trucks (DHV)	16	30
Directional Distribution (DHV)	60	60
18 kip Equivalent P 2.0	216	216
18 kip Equivalent P 2.5	206	204
Design Speed (mph)	50	50

3/4" HOT MIX ASPHALT OVERLAY

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED DATE	COMMISSIONER 1/2/04	CHIEF ENGINEER 1/2/04
--	------------------	------------------------	--------------------------



DATE
1/2/04
P.E. NUMBER
5500
SIGNATURE
Jeffery Adams

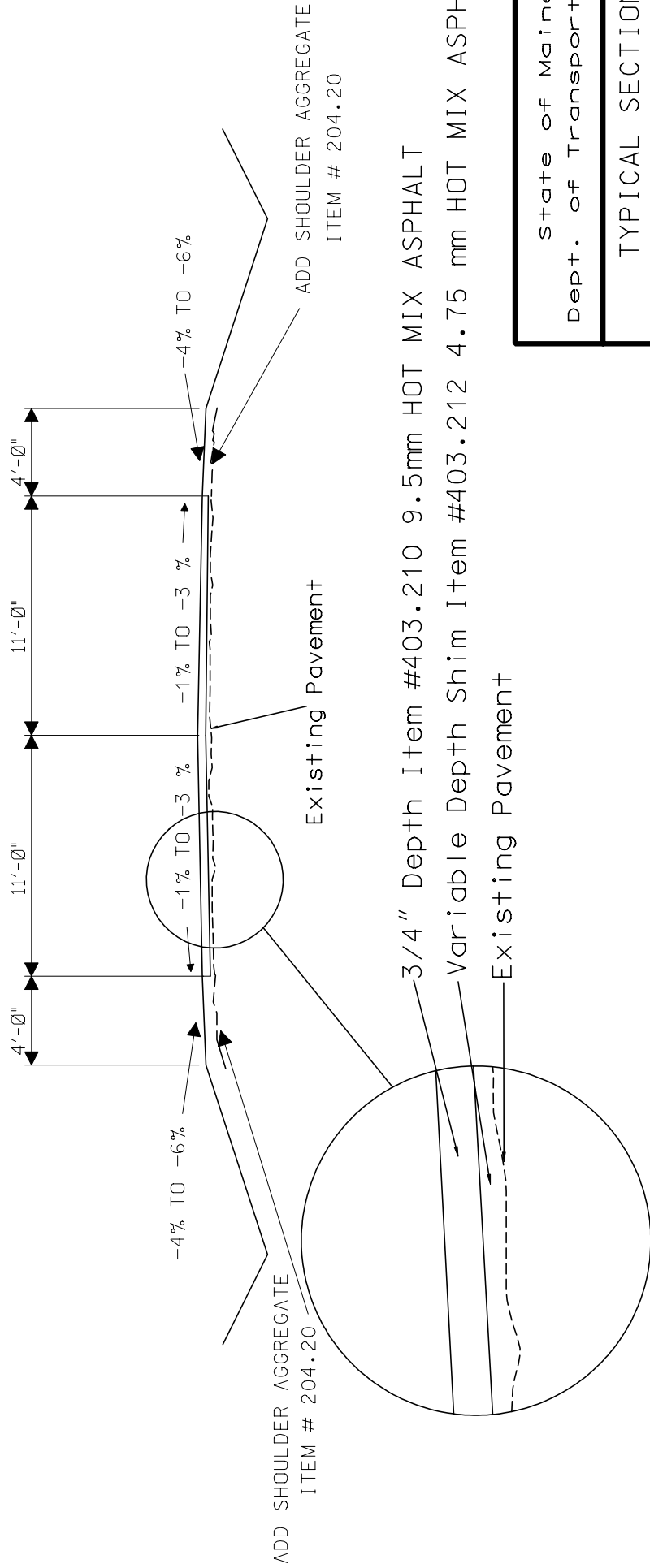
PROJECT INFORMATION	PROJECT COMPLETION DATE
PROJECT NUMBER	CONTRACTOR
DESIGNER	CONSULTANT
PROJECT MANAGER	REGIONAL
DEVELOP SPONSOR	

SILVER RIDGE - SHERMAN ROUTE 2 TITLE SHEET
--

SHEET NUMBER 1 OF 1

HOT MIX ASPHALT OVERLAY

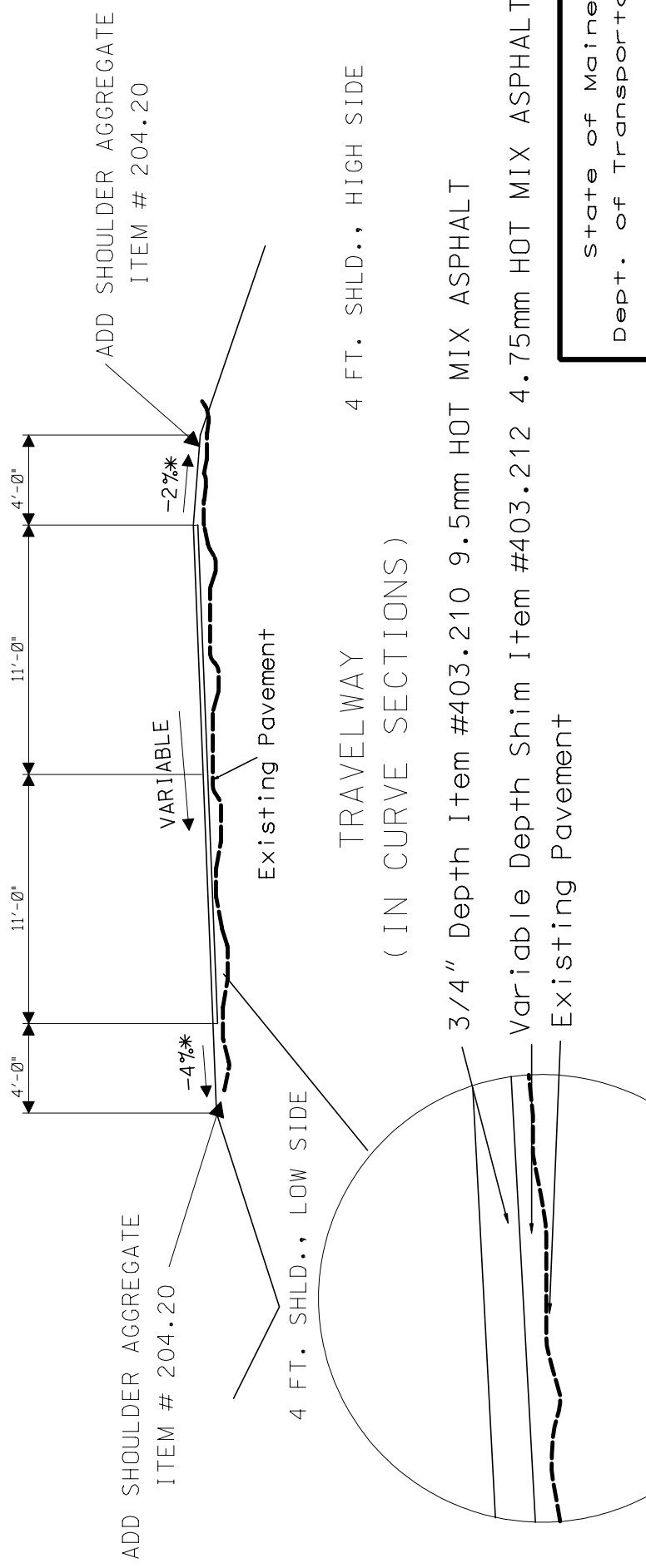
NORMAL SECTION



State of Maine
Dept. of Transportation

TYPICAL SECTIONS
SILVER RIDGE - SHERMAN
PROJ. # STP-1126(100)X
ROUTE 2

Hot Mix Asphalt Overlay Super Elevated Section



Notes:

- *Shoulders shall have a cross slope of 2% on the high side of the superelevation when the algebraic difference in the rate of cross slope exceeds 8%
- When the travelway super exceeds 4%, low side shoulder slope will have same slope as travelway.

State of Maine
Dept. of Transportation

TYPICAL SECTIONS
SILVER RIDGE - SHERMAN
PROJ. # STP-1126(100)X
ROUTE 2

Sheet 2 of 2

12/18/03

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		0	Begin project	
		3+20	town line T1R5 -Silver Ridge	
		7+01	field entrance	
	field entrance	7+30		
	sign	8+55		
	field entrance	9+11		
		15+34	property pin	
		15+40	chain fence	
		15+83	entrance	
		16+62	entrance	
		16+98	fence	
		18+49	property pin	
		19+77	field entrance	
		20+06	burried cable	
		20+12		power
		20+18	burried cable	
		21+93	gravel drive	
		22+33	green house	
power		23+05		
		23+74	school bus stop	
		25+80		power
	field entrance	25+83		
power		26+03		
		28+20	x-pipe	
		28+36	gravel drive	
power		28+82		
		28+91		guy
		28+97		power
		29+18	gravel drive	
		29+38	gravel drive	
power		32+04		
		34+53	x-pipe	
		35+35		power
power		35+45		
	gravel drive	35+81		
		38+24	x-pipe	
power		38+30		
		38+50		power
		39+98	drive	
		41+13	field entrance	
power		41+26		
		41+75		203
power		43+98	curve sign	
		44+44		202
	blue house	45+79		
	gravel drive	46+38		
power		46+74		
		46+80	pedestal	
		46+90		power
		48+57	x-pipe	
		48+87	gravel drive	
		49+49		204s
power		49+56		
		51+03	woods ent	
		52+25		power
power		52+45		
		53+27	x-pipe	
		55+17		power
	woods ent	56+61		
		57+17	field entrance	

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
power		58+09		power
power		60+88		
		61+14		power
		61+53	x-pipe	
power		63+70		
		64+22		power
		65+18	x-pipe	
	pedestal	66+42	pedestal	
power		66+48		
	camp entrance	66+74		
		67+18		power
	brown camp	67+47		
	camp entrance	67+96		
power		69+34		
		70+39		power
		72+00	x-pipe	
power		74+89		
		76+26		power
		76+69	pedestal	
		77+54	x-pipe	
		77+71	delineator	
power		77+81		
		79+22		power
power		80+56		
	field entrance	81+38		
		82+27		power
power		83+58		
		84+47	cable box	
		85+02	x-pipe	
	pedestal	86+37	pedestal	
	gravel drive	86+66		
	gravel drive	87+19		
	beige house	87+45		
		88+24		power
power		89+16		
		89+55	gravel drive	
		90+08		service
		90+57	grass drive	
		91+19		power
		91+22	pedestal	
power		91+29		
		92+47	x-pipe	
power		94+18		power
		95+56	delineator	
		95+62	x-pipe	
service		96+80		power
	begin parking lot	96+97		
		97+98	woods ent	
	end parking lot	98+15		
		98+41	property pin	
		98+93	field entrance	
power		99+49		
		99+52		power
		101+13	entrance	
		102+38		power
		103+20	property pin	
		104+05	woods ent	
power		105+17		
		105+33		power
	field entrance	106+84		

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		108+48		power
power		110+52		
		111+40	woods ent	
		111+73		power
		111+76	x-pipe	
power		113+30		
		114+65		power
		115+80	x-pipe	
power		115+96	field entrance	
		116+19		
		117+60		power
power		119+08		
		120+72		power
power		121+87		
		121+94		power
		123+15	x-pipe	
		123+90		power
	pedestal	124+69		
power		124+75		
	field entrance	125+97		
power		127+15		
		127+28		power
		127+87	woods ent	
		128+33	x-pipe	
power		129+74		
	woods ent	130+17		
		130+76		power
		132+66	40 mph	
	pedestal	132+86		
	curve	134+24		power
3		135+48		
		136+01	property pin	
	gravel drive	137+16		
		137+42	gravel drive	
		137+62	gravel drive	
		137+78		power
	gravel drive	137+85		
power		138+01		
	burried cable	138+04		
		138+17	white house	
		138+63	cabins sign	
		139+03	gravel drive	
		139+98	x-pipe	
		140+04	delineator	
		140+77		power
power		140+93		
		142+11	curve sign	
	well	143+42		
	gravel drive	143+62		
power		143+72		
	pedestal	143+78		
		144+77		power
		144+90	gravel drive	
		145+10	blue house	
power		146+05		
	40 mph	146+64		
		146+75	begin paved shld	
		147+13	rock wall	
		147+66	crushed stone drive	
		147+92		power

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		148+25	flag pole	
power		148+34		
		148+64		
power		148+67	box	power
	crushed stone drive	148+77		
		148+83	crushed stone drive	
	begin paved shld	148+97		
power		150+08		
	Benedicta road	150+84		
	gravel drive	151+53		
		151+85	x-pipe	
		152+22	gravel drive	
		152+71	end paved shld	
		153+13	route 2 sign	
		154+32		power
162		154+58	gravel drive	
	field entrance	155+92		
		156+51		power
161		157+17		
	curve	157+30		
	field entrance	158+51		
		158+84		power
	gravel drive	159+56		
		159+70	gravel drive	
	pedestal	159+89		
		160+02	brown house	
		160+22		service
	gravel drive	160+42		
	garage	160+68		
		161+63		power
	paved drive	161+76		
		161+89	woods ent	
	inlet grate	162+22		
159		162+26		
	gravel drive	163+24		
		163+44	delineator	
		163+50	x-pipe	
158		163+70	grass drive	
		164+36		
		165+43	gravel drive	
		165+77		power
157		166+03		
	gravel drive	168+23		
156		168+65		power
		168+98	delineator	
		169+01	x-pipe	
		169+93	light pole	
		170+26	paved drive	
		170+32	well	
		171+11		power
155		171+14		
		172+85		power
		173+38	gravel drive	
154		173+64		
		174+62	x-pipe	
	delineator	174+79		
		175+51		power
153		176+17		
	pedestal	177+15		
	gravel drive	177+87		

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
152		179+02		
		179+05		power
151		181+78		
		182+20	field entrance	
	gravel drive	182+73		
		182+83		power
power		183+19		
	gravel drive	183+74		
		184+17	50 mph	
150		184+50		
	pedestal	186+50		
		186+56		power
149		186+73		
		187+22	gravel drive	
	pedestal	187+35		
148		189+19		
		189+52		power
147		192+24		
	gravel drive	193+08		
		193+36		power
146		195+26		
		196+38		power
		197+85	delineator	
		197+89	x-pipe	
145		198+18		
	gravel drive	199+26		
	delineator	199+46		
		199+62	x-pipe	
		200+08		power
144		201+07		
		201+27	field entrance	
	gravel drive	201+69		
		203+50		power
143		203+95		
142		206+81		
	pedestal	207+66		power
	gravel drive	207+96		
141		209+66		
		209+93		power
140		212+58		
		213+24		power
		214+78	well	
		214+98	gravel drive	
	gravel drive	215+01		
139		215+54		
		215+60	pedestal	
		215+67		power
		216+68		power
	gravel drive	218+23		
138		218+42		
	gravel drive	219+83		
		220+13	field entrance	
137		221+24		
		222+03	deer	
		222+66		service
		223+51	gravel drive	
	pedestal	223+71		
		223+81		power
		223+93	church sign	
136		223+96		

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		224+16	gravel drive	
		225+90	x-pipe	
		226+82	50 mph	
135		226+88		
		227+87		
	pedestal	227+90		power
	gravel drive	228+20		
		228+56	x-pipe	
134		229+61		
		231+28		power
		232+47	gravel drive	
		232+99	box	
		233+02		power
	pedestal	233+61		
		233+67	pedestal	
		234+00	yellow house	
		234+30	gravel drive	
		234+89		power
132		235+29		
		235+55	property pin	
		235+65	woods ent	
		236+57	property pin	
131		238+08		
		238+18		power
3		240+86		
		242+27		power
	burried cable	242+37		
		242+50	gravel drive	
130		242+64		
	gravel drive	242+83		
129		243+52		
		244+93	woods ent	
		245+16		power
		245+39	gravel drive	
		245+88		service
	pedestal	246+34	pedestal	
		247+69		power
		247+89	gravel drive	
	field entrance	248+44		
		248+54		power
127		249+23		
		250+80	field entrance	
	gravel drive	250+94		
service		251+36		
		251+39		power
	pedestal	251+99		
126		252+05		
		252+31	entrance	
		253+36	gravel drive	
		253+63	white house	
		253+89		power
	pedestal	253+95		
		254+12	begin fence	
		254+22		power
125		254+87		
		255+33	end fence	
	grass drive	255+63		
		255+66	gravel drive	
	well	255+92		
		256+84	property pin	

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		256+94	pedestal	
	paved drive	256+97		
	house	257+33		
124		257+66	x-pipe	
		257+72		
		257+82	gravel drive	
	pedestal	257+89		
123		260+58		
		260+84		power
		262+12	node 6070	
	pedestal	263+47		
		263+80	x-pipe	
		263+83	delineator	
		264+39		power
		265+80	gravel drive	
		266+49	x-pipe	
122		266+65		
		267+44		power
power		269+51		
	gravel drive	270+49		
	pedestal	271+67		
power		272+33		
		272+62	x-pipe	
		273+48		power
power		275+12		
		276+36		power
power		277+90		
		279+58		power
	field entrance	279+94		
		279+97	x-pipe	
		280+14	delineator	
115		280+76		
		282+60		power
114		283+55		
		285+65		power
113		286+34		
		288+67		power
112		289+16		
		291+82		power
111		291+95		
		293+16	x-pipe	
110		294+74		
		294+90		power
	woods ent	296+97		
		297+33	box	
109		297+56		
		297+95		power
	pedestal	298+61		
108		300+38		
	delineator	301+68		
		301+82	x-pipe	
107		303+17		
		303+95		power
	gravel drive	305+63		
	pedestal	305+96		
106		305+99		
		306+91		power
		307+17	woods ent	
105		308+84		
		309+89		power

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
104	gravel drive	309+96		
		311+57		
103		312+91		power
		314+35		
	gravel drive	315+44		
	white house	315+83		
		315+93		power
102		317+27		
		318+88		power
101		320+10		
		321+90		power
	woods ent	322+03		
100		322+89		
		325+02		power
	pedestal	325+64		
99		325+70		
		327+61		power
98		328+50		
		331+22		power
97		331+35		
		331+60		
		332+40	x-pipe	
			Silver Ridge-sherman town line	
96		334+11		
		334+43		power
		335+39	woods ent	
		335+58	delineator	
		335+61	x-pipe	
95		337+03		
		337+45		power
	property pin	339+59		
	delineator	339+68		
		339+75		
	pedestal	339+85	x-pipe	
94		339+88		
		340+54		power
	woods ent	342+41		
93		342+70		
		344+01		power
92		345+49		
		346+87	curve sign	
91		348+18		
	gravel drive	350+80		90
		351+10	gravel drive	
	white house	351+59		
	gravel drive	352+12	white house	
		352+71		88
		353+46	x-pipe	
power		353+56		
		353+72	gravel drive	
		353+89	white house	
power		354+28		
		354+34		power
		354+71	corner fence	
	gravel drive	355+99		
87		356+19		
	camp	356+35		
		357+33		power
	curve	358+48		
	property pin	358+61		
86		359+60		

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	Topo - Left	Station Feet	Topo - Right	Pole #
		360+22		power
85	field entrance	360+32		
		363+08		
		363+63	x-pipe	
		365+57		power
power		366+06	grass drive	
		366+55		
	pedestal	367+90		power
		368+26		
		370+06	curve sign	
		370+88	x-pipe	
power		372+13	gravel drive	
	gravel drive	373+61		power
80		375+94		
		376+56		
		379+12		power
79		380+17	x-pipe	
78		382+30		
		385+16	begin paved shld	
		385+55		power
		385+94	delineator	
		386+04	x-pipe	
77		388+60		
	field entrance	390+37		
		391+00		power
power		391+22	gravel drive	
		392+05		
power	curve	394+70		
		394+90		
		395+65	paved drive	
		395+92		power
		397+49	pedestal	
73		397+66		
		398+51	gravel drive	
72		400+28		
	fence	401+43	end paved shld	
71		403+76		
	gravel drive	405+76		
70		407+27	field entrance	
		410+25		68
	delineator	411+73	delineator	
		411+73	x-pipe	
		413+30		67
		413+53	field entrance	
		416+16		66
	50 mph	417+80		
	paved drive begin paved shld	419+51	begin paved shld	
	rt 2 west	421+05		
		421+44	gravel drive	
	gravel drive	421+74		
		422+88	gravel drive	
service		423+02		
		423+77		service
	rte 158	423+80		
		424+23	gravel drive	
63		424+30		
	rte2	424+53		
		425+21	grass drive	
	end paved shld	425+22	end paved shld	
p3		426+26		

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
128		428+25		
	gravel drive	428+57		
	gravel drive	430+14		
		430+73		jum
		431+55	gravel drive	
		433+40	x-pipe	
		433+60		power
		433+69	gravel drive	
		436+32		125
		439+07		power
		439+21	x-pipe	
		441+24	paved drive	
		441+86		123
	gravel drive	442+59		
		444+56	gravel drive	
		444+76		12
	gravel drive	445+54		
		446+48	gravel drive	
		447+68		121
	gravel drive	447+96		
		448+37	gravel drive	
		450+51		120
		453+46		119
		455+76	gravel drive	
		456+37		118
		458+41	gravel drive	
		458+85		117
	gravel drive	459+94		
		461+62		116
		464+45		115
		467+25		114
	gravel drive	469+50		
		470+00		113
	gravel drive	470+53		
		472+92		112
		473+73	gravel drive	
		474+36	gravel drive	
		475+52		111
		477+39	field entrance	
	paved drive	478+00		110
	paved drive	478+65		
		479+65	field entrance	
		480+95		109
		482+30	gravel drive	
		482+56	x-pipe	
		483+70		108
		484+43	field entrance	
		486+55		107
		489+00	gravel drive	
		489+32		power
	gravel drive	491+08		
		491+98	field entrance	
	field entrance	492+09		
	gravel drive	493+84		
		494+55	gravel drive	
		494+93		power
	gravel drive	495+95		
		497+59		103
		498+10	gravel drive	
		500+45		102

STP-1126(100)X
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pole #	<u>Topo - Left</u>	Station Feet	<u>Topo - Right</u>	Pole #
		501+58	field entrance	
		502+30		service
100	gravel drive	502+60	gravel drive	
		505+26		
		506+27	woods ent	
	entrance	507+28		
3		509+29		
99		511+16		
97		513+98		
		515+32	paved drive	
		516+02	field entrance	
p		516+78		
		517+24	gravel drive	
		518+72	gravel drive	
		519+45		service
	gravel drive	521+41		
93		522+50		
	gravel drive	524+65	gravel drive	
p		525+19		
		525+85	paved drive	
		527+43	paved drive	
92		528+00		
		529+26	gravel drive	
91		530+44		
		533+24	gravel drive	
90		533+61		
		534+08	gravel drive	
		534+76	gravel drive	
89		536+10		
		537+22	paved drive	
	gravel drive	537+60		
88		538+53		
87		541+12		
	paved drive	542+84		
86		543+56		
		548+05	x-pipe	
jum		551+79		
		553+70	end proj	
		554+15	monument	

11261
Twp 01 R05 Wels, Silver Ridge
Rte 2
PPM

Pavement Marking Info

<u>Description</u>	<u>Station</u>	<u>Description</u>	<u>Left edge line</u>	<u>Right edge line</u>
	+	PASS BOTH WAYS		
PASS LEFT	5+50			
	11+20	PASS BOTH WAYS		
	13+10	PASS RIGHT		
	19+30	DO NOT PASS		
PASS LEFT	19+65			
	26+20	DO NOT PASS		
	30+60	PASS RIGHT		
	36+70	DO NOT PASS		
PASS LEFT	39+25			
	44+56	DO NOT PASS		
	49+70	PASS RIGHT		
	57+00	PASS BOTH WAYS		
PASS LEFT	65+64			
	71+56	PASS BOTH WAYS		
	73+22	PASS RIGHT		
PASS LEFT	79+50			
	87+70	DO NOT PASS		
	101+30	PASS RIGHT		
PASS LEFT	106+30			
	114+10	DO NOT PASS		
	125+30	PASS RIGHT		
	129+90	DO NOT PASS		
PASS LEFT	133+06			
	135+60	PASS BOTH WAYS		
	137+22	PASS RIGHT		
	141+82	DO NOT PASS		
PASS LEFT	143+45			
	149+56	DO NOT PASS		
	150+53	GAP		
	151+28	DO NOT PASS		
	152+94	PASS RIGHT		
	161+20	PASS BOTH WAYS		
PASS LEFT	179+90			
	189+10	DO NOT PASS		
	190+25	PASS RIGHT		
	195+90	PASS BOTH WAYS		
PASS LEFT	229+20			
	235+40	DO NOT PASS		
	243+50	PASS RIGHT		
	251+10	PASS BOTH WAYS		
PASS LEFT	343+70			
	351+00	PASS BOTH WAYS		
	357+90	PASS RIGHT		
	365+10	PASS BOTH WAYS		
PASS LEFT	368+50			
	372+70	PASS BOTH WAYS		
	376+60	PASS RIGHT		
	379+07	DO NOT PASS		
PASS LEFT	379+86			
	388+35	DO NOT PASS		
	406+25	PASS RIGHT		
	411+20	PASS BOTH WAYS		
PASS LEFT	415+15			
	420+50	DO NOT PASS		
	423+55	GAP		
	424+10	PASS RIGHT		
	428+25	PASS BOTH WAYS		
PASS LEFT	471+95			
	476+15	PASS BOTH WAYS		
	480+60	PASS RIGHT		
PASS LEFT	484+70			
	491+95	DO NOT PASS		
	495+05	PASS RIGHT		
	502+40	PASS BOTH WAYS		
PASS LEFT	515+90			
	523+85	DO NOT PASS		
	526+40	PASS RIGHT		
	534+85	PASS BOTH WAYS		
PASS LEFT	540+35			
	547+05	PASS BOTH WAYS		
	548+70	PASS RIGHT		
	553+71	PASS RIGHT		

STP-1126(100)X
Silver Ridge-Sherman
Rte. 11
PPM

Construction Notes

202.203 PAVEMENT BUTT JOINTS

<u>Side</u>	<u>Station</u>	<u>Station</u>	<u>Length (feet)</u>	<u>Width (feet)</u>
Main Line	+0	+30.0	30.0	22.0
Main Line	553+40.0	553+70.0	30.0	22.0
Benedicta Rd. Lt.	150+64.0	151+04.0	80.0	6.0
Route 158 Lt.	423+60.0	424+00.0	56.0	6.0
			0.0	
Paved Dr. Rt.	170+16.0	170+36.0	34.0	1.8
Paved Dr. Rt.	395+55.0	395+75.0	34.0	1.8
Paved Dr. Rt.	441+14.0	441+34.0	34.0	1.8
Paved Dr. Rt.	515+22.0	515+42.0	34.0	1.8
Paved Dr. Rt.	525+22.0	525+42.0	34.0	1.8
Paved Dr. Rt.	525+75.0	525+95.0	34.0	1.8
Paved Dr. Rt.	527+33.0	527+53.0	34.0	1.8
Paved Dr. Rt.	537+12.0	537+32.0	34.0	1.8
			0.0	
Paved Dr Lt.	256+87.0	257+07.0	40.0	1.8
Paved Dr Lt.	477+90.0	478+10.0	34.0	1.8
Paved Dr Lt.	478+55.0	478+75.0	34.0	1.8
Paved Dr Lt.	542+74.0	542+94.0	34.0	1.8

Mainline, Side Roads, Along paved drives and end of sidewalks, as required
and as directed by Resident

204.20 ADD SHLD AGG TO EXIST SHLD, PLAN QNTY.

RIGHT SHOULDER			
<u>Station</u>	<u>Width</u>	<u>Station</u>	<u>Width</u>
+0	4.0	146+75.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		14,675.0	4.0
<u>Station</u>	<u>Width (feet)</u>	<u>Station</u>	<u>Width (feet)</u>
152+71.0	4.0	385+16.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		23,245.0	4.0

Construction Notes

204.20 ADD SHLD AGG TO EXIST SHLD, PLAN QNTY.

<u>Station</u>	<u>Width (feet)</u>	<u>Station</u>	<u>Width (feet)</u>
401+43.0	4.0	419+51.0	4.0
425+22.0	4.0	554+15.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		14,701.0	4.0

LEFT SHOULDER

<u>Station</u>	<u>Width (feet)</u>	<u>Station</u>	<u>Width (feet)</u>
+0	4.0	148+97.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		14,897.0	4.0

<u>Station</u>	<u>Width (feet)</u>	<u>Station</u>	<u>Width (feet)</u>
150+84.0	4.0	419+51.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		26,867.0	4.0

<u>Station</u>	<u>Width (feet)</u>	<u>Station</u>	<u>Width (feet)</u>
425+22.0	4.0	554+15.0	4.0
		<u>Length (feet)</u>	<u>Avg. Width (feet)</u>
		12,893.0	4.0

304.103 AGGR SUBB CRS-GRAVEL-TRUCK MS

Used in driveways, woods ents, and field entrances, as directed by resident

403.209 HOT MIX ASPHALT, 9.5 mm Nom. Max. Size

(sidewalks, drives, islands, and incidentals)

Used for paved aprons at driveways, as directed by Resident.

403.210 HOT MIX ASPHALT, 9.5mm Nom. Max. Size

One 3/4 inch lift on mainline and paved shoulders

403.212 HOT MIX ASPHALT, 4.75mm - SHIMMING

Variable depth lift to reestablish grade for surface

STP-1126(100)X
Silver Ridge-Sherman
Rte. 11
PPM

Construction Notes

409.15 BITUMINOUS TACK COAT APPLIED

Surface will be tacked before each coarse of HMA

411.10 UNTREATED AGGR SURFACE CRS, TRUCK MEASURE

Use in driveways, field and lawn entrances, as directed by Resident.
159 drives

411.12 CRUSHED STONE SURFACE

Use on crushed stone drives as directed by Resident

GENERAL NOTES

1. All joints between existing and proposed hot bituminous pavement shall be butted. Payment shall be made under Item 202.203 Pavement Butt Joint.
2. Construct Butt Joints at all paved drives and entrances.
3. Where deemed necessary by the Resident, winter sand shall be removed from the edges of the shoulders and placed in designated areas or disposed of. Payment will be made under the appropriate contract items.
4. The Contractor shall place suitable existing material, or other material acceptable to the Resident, on all pavement edges to allow no greater than a 1 ½ in (40mm) drop-off and be graded to 3:1 or flatter. Payment to be incidental to the contract.
5. All waste material not used on the project shall be disposed of off the project in waste areas approved by the Resident
6. Any damage to the slopes caused by the Contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense.
7. A 3 ft (one meter) paved lip shall be placed at all gravel entrances, except woods and field entrances, unless otherwise directed by the Resident.
8. Item # 411.10, Untreated Aggregate Surface Course, may also meet the gradation requirements of item # 204.20, Add Shoulder Aggregate.
9. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
10. All existing paved shoulders and widenings to be resurfaced as directed by the Resident.
11. Shoulder shim shall taper to 0 mm [0 in] at face of existing curb and guardrail.
12. When super elevation exceeds the slope of the low side shoulder, the shoulder will have same slope as traveled way.
19. "Undetermined Locations" shall be determined by the Resident.
20. Stations referenced are approximate.
22. MDOT will final stripe the project. The Contractor is responsible for transferring the existing striping pattern to the surface course.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



MILLINOCKET

PENOBSCOT COUNTY

ROUTE 11

STP-1134(300)X

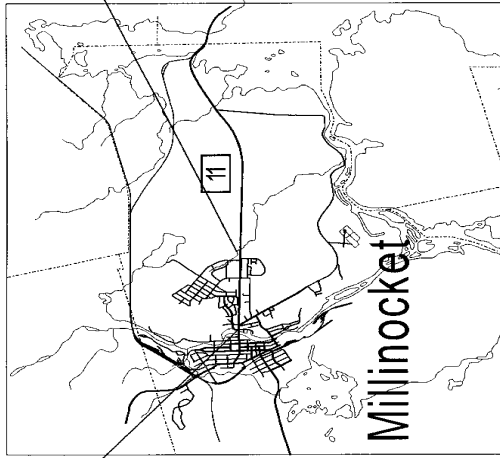
PROJECT LENGTH : 1.34 MILES

PPM

STP-1134(300)X

BEGIN STA 13+30

END STA 70+50



LOCATION MAP



Scale in Miles

3/4" HMA OVERLAY

BEGIN PROJECT
STA 13+30

MASSACHUSETTS ST
STA 52+45

RHODE ISLAND AVE
STA 40+28

CEDAR ST
STA 53+81

SYCAMORE ST
STA 40+28

11

FIELD ST

FOREST AVE

MILLINOCKET STREAM

EASTLAND AVE

ASH ST STA 16+57

EQUATION POINT
(22+21) BACK & 8+85 AHEAD)

MEDWAY RD STA 19+50

END PROJECT
STA 70+50

TRAFFIC DATA

Current (2004) AADT	13530
Future (2016) AADT	15270
DIV - % of AADT	9
Design Hour Volume	1472
% Heavy Trucks (AADT)	6
% Heavy Trucks (DIV)	4
Directional Distribution (DIV)	55
80 kN Equivalent P 2.0	1176
80 kN Equivalent P 2.5	1120
Design Speed (km/h)	35

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
COMMISSIONER: <i>[Signature]</i> 1/23/04	
CHIEF ENGINEER: <i>[Signature]</i> 1/23/04	



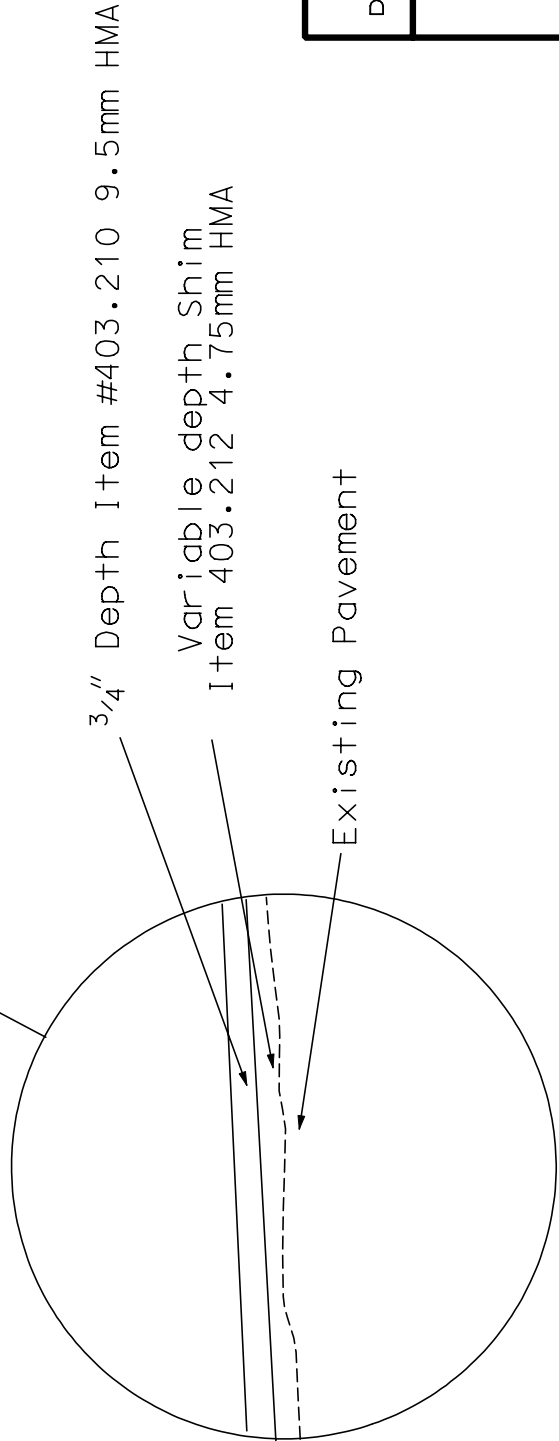
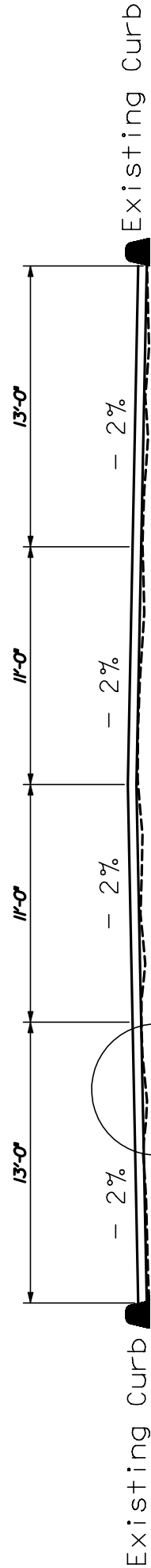
DATE	1/23/04
P.E. NUMBER	5500
SIGNATURE	<i>[Signature]</i>

PROJECT INFORMATION	PROJECT NUMBER
PROJECT NAME	PROJECT LOCATION
PROJECT DESCRIPTION	PROJECT DATE

MILLINOCKET ROUTE 11 TITLE SHEET	
STP-1134(300)X PIN 11343.00	

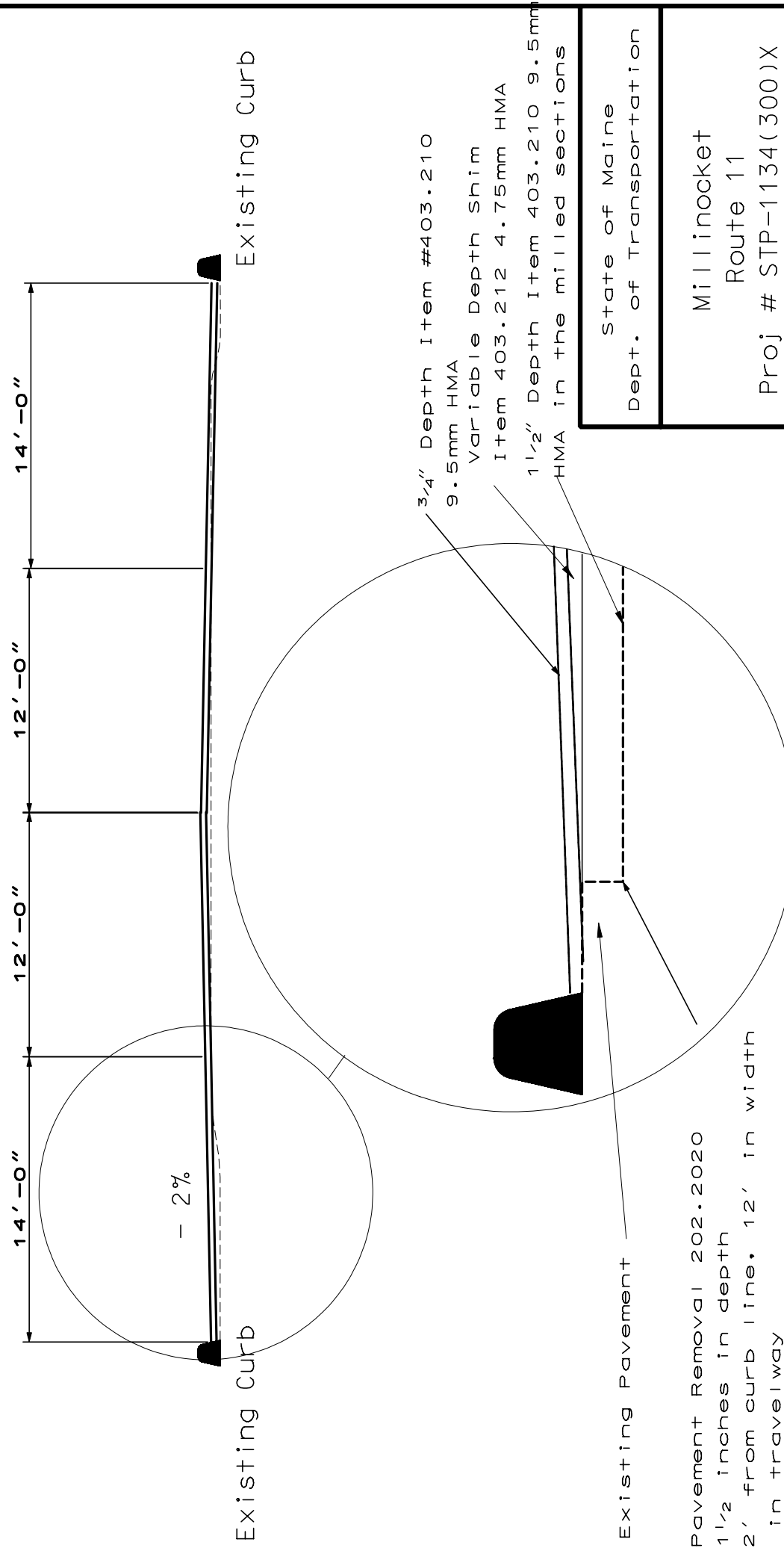
SHEET NUMBER	1
OF 1	

Hot Mix Asphalt + Overlay



State of Maine Dept. of Transportation
Millinocket Route 11 Proj # STP-1134(300)X
1 of 2

Hot Mix Asphalt Shim and Overlay Pavement Removal Areas



**STP-1134(300)X
Millinocket
Rte.11
PPM**

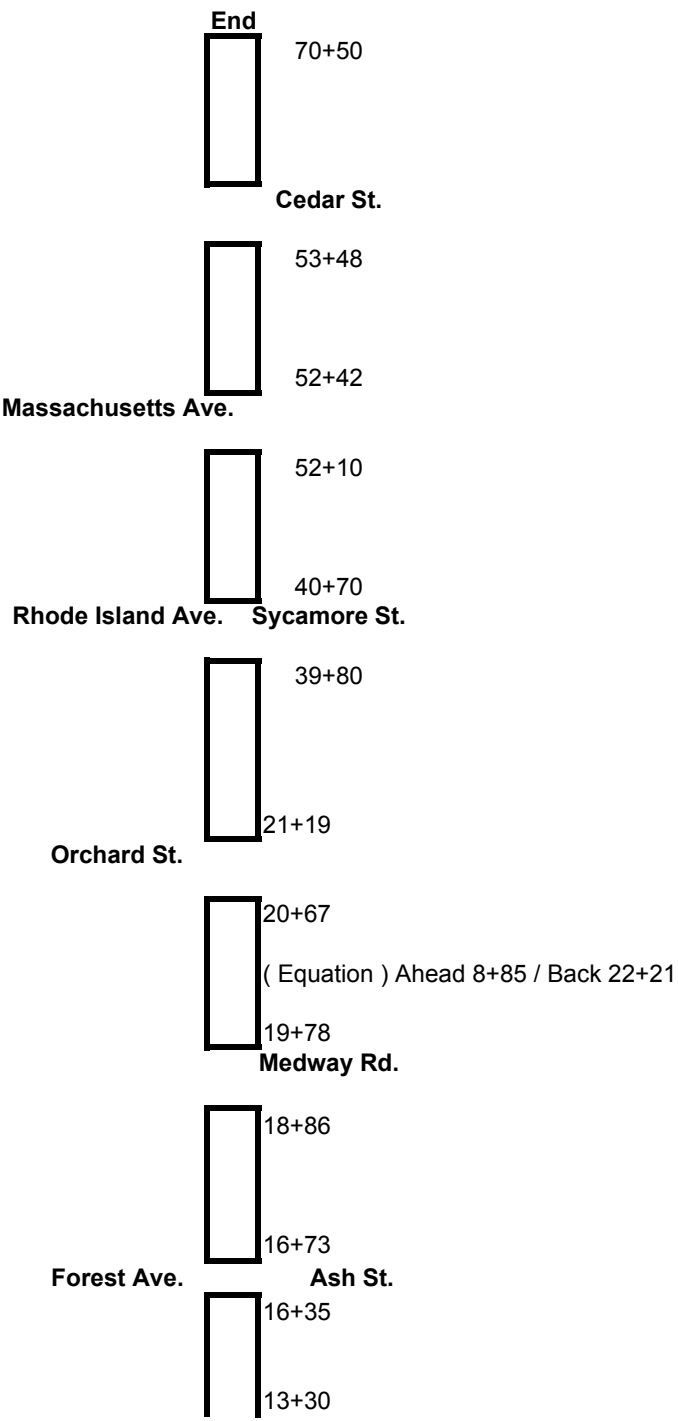
Pole #	Topo - Left	Station in Feet	Topo - Right	Pole #
1707S	Begin at bridge	13+30	Begin at bridge	705
	catchbasin	13+50	catchbasin	
	Pole	14+14	Pole	
		14+36	Paved Drive	
		15+44	Paved Drive	
	catch basin	16+00		
	Forest Ave.	16+57	Ash St.	
		16+82		
		16+90	catchbasin	
	catch basin	17+21		
1704S		17+49	Paved Drive	
		17+98	Pole	
	Pole	18+08		
		18+52	catchbasin	
	catchbasin	18+98		
		19+50	Medway Rd.	
1702	catchbasin	19+90	catchbasin	
	Pole	21+34		
		22+21	Equation Point (22+21 Back 8+85 Ahead)	
1701		8+85		
	Pole	9+82		
1700	Manhole/ Telephone	10+94		
	Pole	11+70		
1699	Manhole/ Telephone	11+81		
	Begin Guardrail	12+58		
	Pole	13+55		
1698		13+81	35MPH Sign	
	Pole	15+26		
1697	Pole	17+03		
1696	Pole	18+84		
1695		20+30	Underdrain outlet	1695S
		20+43	Pole	
	Underdrain outlet	20+45		
	Pole/ manhole	20+56		
	End guardrail	20+77		
	Orchard St.	20+94		
	possible spring in roadway	21+74		
1694		22+18	right of way marker	?
	Pole	22+51	Pole	
1693	Pole	24+50		
1692	Pole	26+60	Pole	1692S
1691	Pole	28+64		
1690	End shoulder widening	29+00		
	Shoulder full width	30+00		
	Pole	30+52		
1689		32+05	Begin sidewalk	
	Pole	32+48		
1688		32+99	End Sidewalk	
	Pole	33+63	Begin sidewalk	
1688P5	Pole	34+89		
1686 1/2	Catchbasin	35+00	Pipe outlet into lower parking lot	
		35+26	End Sidewalk	
	Begin sidewalk	35+58		
		36+24	Begin sidewalk	
	Begin Possible Pavement Removal	36+25	if funds are available	
	End Sidewalk	36+50		
	Begin Sidewalk	36+90		
	Pole	37+07		
	End Sidewalk	37+25		
	Begin sidewalk	37+78		
1686	Pole	38+41		
	End Sidewalk	39+00	Catchbasin	

STP-1134(300)X
Millinocket
Rte.11
PPM

Pole #	<u>Topo - Left</u>	Station in Feet	<u>Topo - Right</u>	Pole #
1685 1/2	Pole	39+60		
	Pedestrian light poles	39+91	Pedestrian light poles	
	Cnt. Rhode Island Ave.	39+34		
1685	Pole	40+28	Sycamore St.	
	End possible Pavement Removal	40+55		
14	Pole	41+30		
		42+52		
		43+90	Curb inlet	
1683 / 13	Pole	44+46		
	Curb inlet	44+76	35 MPH sign	
		44+93		
		45+68	Curb inlet	
1682 / 12	Pole	46+47		
		47+45	Curb inlet	
		47+97	Pole	1681S
16881	Pole	48+46		
	Curb inlet	49+17	Curb inlet	
	35 MPH sign	49+50		
1680 - 291	Pole	50+47		
	Curb inlet	51+76		
	Cnt. Massachusetsts Ave./ Manhole	52+45	Curb inlet	
1679	Pole	52+71		
	Begin Island	53+45		
	End Island	53+64		
		53+81	Cnt. Cedar St.	
	Begin sidewalk	53+45		
1678	Pole	55+21		
	End Sidewalk	55+44	Curb inlet/ with Catch Basin	
1677 1/2	Pole	56+55		
		56+65	Curb inlet/ with Catch Basin	
	Catchbasin	57+63		
1677	Pole	57+64		
	Begin sidewalk	58+08		
	End Sidewalk	59+18		
	Catchbasin	59+66		
1676	Pole	60+15		
	Catchbasin	61+90	catchbasin	
1675 - 291	Pole	62+66		
	Begin sidewalk	63+29		
		64+04	Begin sidewalk	
	End Sidewalk	64+35		
	Catchbasin	65+90	End Sidewalk/ Catchbasin	
1674 - 291	Pole	65+23		
		65+40	Begin sidewalk	
		66+07	End Sidewalk	
		66+52	Begin sidewalk	
		66+74	End Sidewalk	
1673 1/2	Pole	67+17		
	Project Marker	67+50	Project Marker	
	Project Marker	69+00	Project Marker	
	End	70+50	End	
	Project		Project	

STP-1134(300)X
Millinocket
Rte.11
PPM

PAVEMENT MARKINGS



STP-1134(300)X
 Millinocket
 Rte.11
 PPM

Construction Notes

There is an equation in stationing between 22+21 and 8+85

202.202 REMOVING PAVEMENT SURFACE

<u>Station</u>	<u>Station</u>	<u>Length (feet)</u>	<u>Width (feet)</u>	<u>Description</u>
36+25.0	41+30.0	505.0	12.0	Outside Lane
36+25.0	41+30.0	505.0	12.0	Outside Lane

202.203 PAVEMENT BUTT JOINTS

<u>Side</u>	<u>Station</u>	<u>Station</u>	<u>Length (feet)</u>	<u>Width (feet)</u>
Lt	16+30.0	17+00.0	70.0	1.0
Rt	16+34.0	16+71.0	37.0	1.0
Lt	18+31.0	18+79.0	48.0	1.0
Rt	11+00.0	11+55.0	55.0	1.0
Rt	12+90.0	13+38.0	48.0	1.0
Lt	20+65.0	21+20.0	55.0	1.0
Lt	31+50.0	32+16.0	66.0	1.0
Rt	33+00.0	33+60.0	60.0	1.0
Lt	35+29.0	36+24.0	95.0	1.0
Lt	36+50.0	36+89.0	39.0	1.0
Lt	43+29.0	44+21.0	92.0	1.0
Lt	47+15.0	47+55.0	40.0	1.0
Lt	52+05.0	52+70.0	65.0	1.0
Rt	63+53.0	63+90.0	37.0	1.0
Lt&Rt	13+30.0	13+55.0	25.0	52.0
Lt&Rt	70+25.0	70+50.0	25.0	34.0
Rt	Basin	13+50.0	1.0	3.0
Lt	Basin	13+50.0	1.0	3.0
Lt	Basin	16+90.0	1.0	3.0
Rt	Basin	17+21.0	1.0	3.0
Rt	Basin	18+52.0	1.0	3.0
Lt	Basin	18+98.0	1.0	3.0
Rt	Basin	19+90.0	1.0	3.0
Lt	Basin	19+90.0	1.0	3.0
Lt	Basin	35+00.0	1.0	3.0
Rt	Basin	39+00.0	1.0	3.0
Lt	Basin	57+63.0	1.0	3.0
Lt	Basin	59+66.0	1.0	3.0
Rt	Basin	61+90.0	1.0	3.0
Lt	Basin	61+90.0	1.0	3.0
Rt	Basin	65+90.0	1.0	3.0
Lt	Basin	65+90.0	1.0	3.0

304.103 AGGR SUBB CRS-GRAVEL-TRUCK MS

Used in gravel drives and field entrances as directed by the Resident

STP-1134(300)X
Millinocket
Rte.11
PPM

Construction Notes

403.209 HOT MIX ASPHALT 9.5 MM (INCIDENTALS)

As directed by the Resident
A 3' apron will be paved on all gravel entrances,
All paved drives listed as having a butt-joint will require HMA
to transition into new pavement
There are approximately 30 paved drives

403.210 HOT MIX ASPHALT 9.5 MM

There is an equation in stationing between 22+21 and 8+85

<u>Side</u>	<u>Start Station</u>	<u>End Station</u>	<u>Width (feet)</u>	<u>Depth (inches)</u>	
Rt	13+30.0	22+21.0	Variable		
Lt	13+30.0	22+21.0	"		
Rt	8+85.0	70+50.0	"		
Lt	8+85.0	70+50.0	"		
Lt	36+25.0	41+30.0	12.0	1.5	Milled section
Rt	36+25.0	41+30.0	12.0	1.5	Milled section

403.212 HOT MIX ASPHALT 4.75 MM (SHIM)

As directed by the Resident

<u>Side</u>	<u>Start Station</u>	<u>End Station</u>	<u>Width (feet)</u>	
Rt	13+30.0	22+21.0	all but 2' from curb	
Lt	13+30.0	22+21.0	"	
Rt	8+85.0	70+50.0	"	
Lt	8+85.0	70+50.0	"	

409.15 BITUMINOUS TACK COAT APPLIED

A coat of tack will be applied before each lift of HMA

411.10 UNTREATED AGGR SURF CRS, TR MEASURE

Used in drives, that require 304.103, as directed by the Resident

605.09 6" UNDERDRAIN TYPE B

To be installed as directed by the Resident

<u>Side</u>	<u>Start Station</u>	<u>End Station</u>	<u>Length (feet)</u>
Rt	20+50.0	21+70.0	120.0
Lt	20+45.0	21+70.0	125.0
Lt & Rt	Lateral	Width	52.0

GENERAL NOTES

1. All joints between existing and proposed hot bituminous pavement shall be butted. Payment shall be made under Item 202.203 Pavement Butt Joint.
2. Construct Butt Joints at all paved drives and entrances.
3. The Contractor shall place suitable existing material, or other material acceptable to the Resident, on all pavement edges to allow no greater than a 1 ½ in (40mm) drop-off and be graded to 3:1 or flatter. Payment to be incidental to the contract.
4. All waste material not used on the project shall be disposed of off the project in waste areas approved by the Resident
5. Any damage to the slopes caused by the Contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense.
6. A 3 ft (one meter) paved lip shall be placed at all gravel entrances, except woods and field entrances, unless otherwise directed by the Resident.
7. Item # 411.10, Untreated Aggregate Surface Course, may also meet the gradation requirements of item # 204.20, Add Shoulder Aggregate.
8. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.
9. All existing paved shoulders and widenings to be resurfaced as directed by the Resident.
10. Shoulder shim shall taper to 0 mm [0 in] at face of existing curb and guardrail.
11. When super elevation exceeds the slope of the low side shoulder, the shoulder will have same slope as traveled way.
12. No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.

GENERAL NOTES

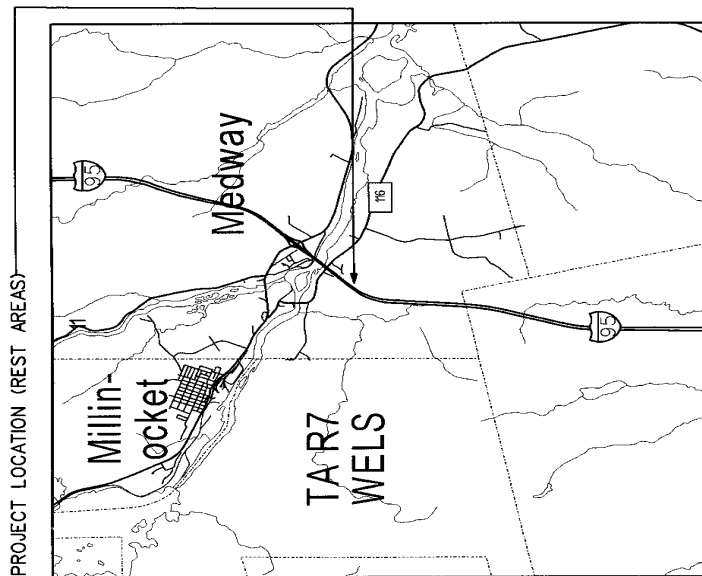
13. The following shall be incidental to the 603 item(s):
 - Any cutting of existing culverts and or connectors necessary to install new culvert replacements or extensions
 - All pipe excavation including any cutting and removal of pavement
 - All ditching at pipe ends
 - Furnishing, placing, grading, and compacting of any new gravel and/or fill material including Granular Borrow used under pipes and for temporary detours to maintain traffic during pipe installation (excavation is also incidental).
 - Granular Borrow under the pipe shall meet the requirements for Underwater Backfill
 - All work necessary to connect to existing pipes
 - Flow lines may be changed by 0.5M [1.5 ft]
 - Any necessary clearing of brush and small trees at culvert ends
14. Existing culverts and catch basins will be cleaned as directed by the Resident under the appropriate Pay Items.
15. As directed by the Resident, all existing Underdrain Outlets shall be located, cleaned out, and ditched as required or replaced as necessary. Payment will be made under appropriate hourly contract items.
16. All connections for Underdrain to roadway culverts will be incidental to U.D. pipe items.
17. Backing up bituminous curb is incidental to the curb items. In areas where new bituminous curb is designated to replace existing, the removal of the old bituminous curb shall be incidental to the new curb.
18. "Undetermined Locations" shall be determined by the Resident.
19. Stations referenced are approximate.
20. Grind transition tapers at Catch Basins under Item No. 202.203, Pavement Butt Joints, as directed by the Resident.
21. There is an equation in stationing between 22+21 and 8+85
21. MDOT will final stripe the project. The Contractor is responsible for transferring the existing striping pattern to the surface course.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

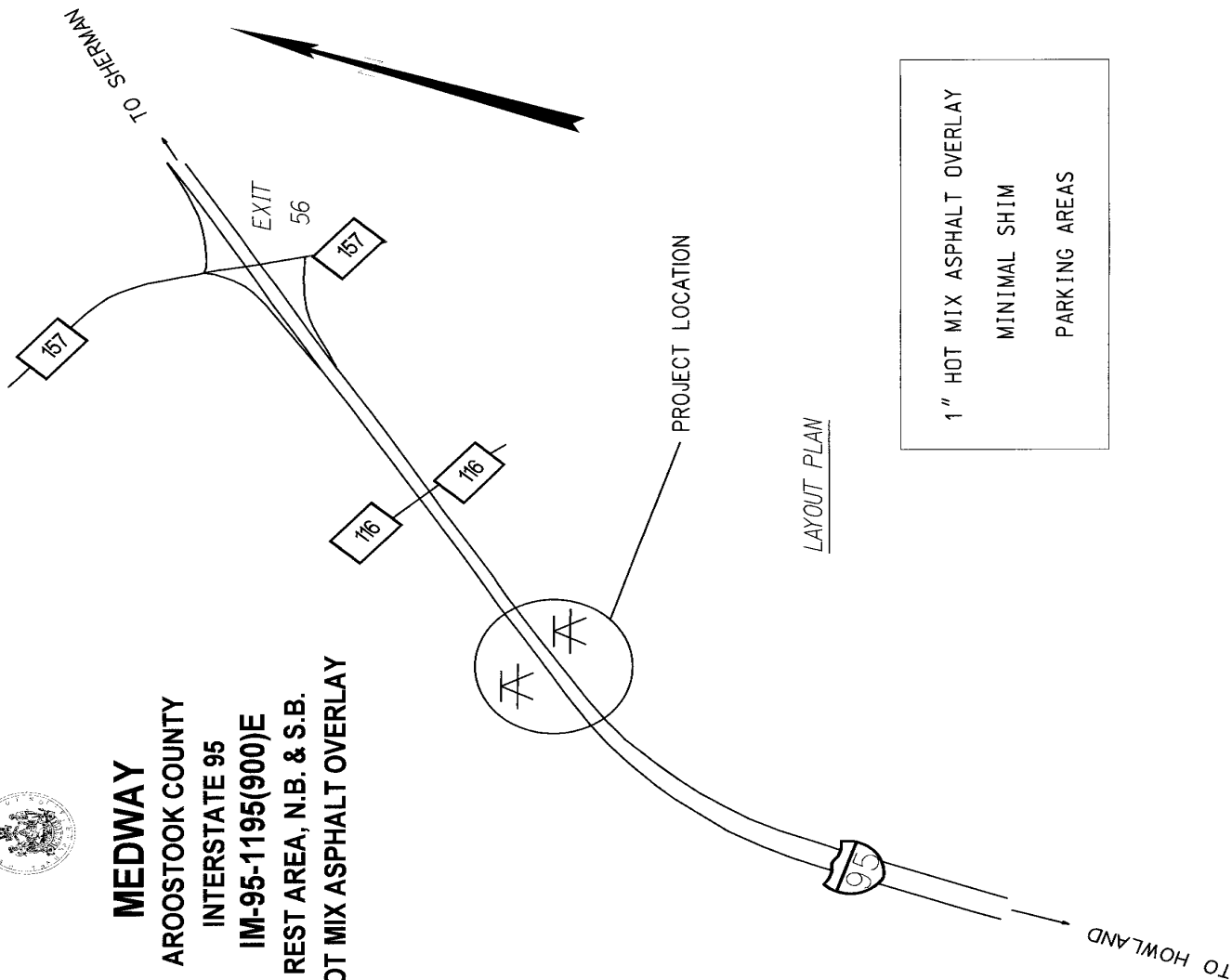


MEDWAY
ARROSTOOK COUNTY
INTERSTATE 95
IM-95-1195(900)E
REST AREA, N.B. & S.B.
HOT MIX ASPHALT OVERLAY

IM-95-1195(900)E



LAYOUT PLAN



1" HOT MIX ASPHALT OVERLAY
MINIMAL SHIM
PARKING AREAS

IM-95-1195(900)E PIN 11959.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	
CHIEF ENGINEER: <i>[Signature]</i>	
DATE: 01/20/04	



PROJECT INFORMATION	
PROJECT MANAGER	JAMES O. ANDREWS
DESIGNER	JAMES O. ANDREWS
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	
DATE: 1-20-04	
P.E. NUMBER	5580
SIGNATURE	<i>[Signature]</i>

MEDWAY
INTERSTATE 95
TITLE SHEET

SHEET NUMBER
1
OF 1

IM-95-1195(900E
Medway
I-95
Rest Area

Construction Notes

202.203 PAVEMENT BUTT JOINTS

All joints between existing and proposed hot bituminous pavement shall be butted, as directed by the Resident

403.209 HOT MIX ASPHALT 9.5 MM (INCIDENTALS)

To be used for the resurfacing of sidewalks and walkways, as directed by the Resident

403.210 HOT MIX ASPHALT 9.5 MM

A 1" depth will be placed on all existing paved areas, as directed by the Resident

403.212 HOT MIX ASPHALT 4.75 MM (SHIM)

To be used in areas before the placement of item# 403.210, to prep and level, as directed by the Resident. Estimated 200 ton only.

409.150 BITUMINOUS TACK COAT APPLIED

A coat of tack will be applied before each lift of HMA

GENERAL NOTES

1. All joints between existing and proposed hot bituminous pavement shall be butted. Payment shall be made under Item 202.203 Pavement Butt Joint.
2. Construct Butt Joints at all paved drives and entrances.
3. Any damage to the slopes caused by the Contractor's equipment, personnel, or operation shall be repaired to the satisfaction of the Resident. All work, equipment and materials required to make repairs shall be at the Contractor's expense.
4. Any necessary cleaning of existing pavement prior to paving shall be incidental to the related paving items.

General Decision Number ME030009 06/13/2003 ME9

Superseded General Decision No. ME020009

State: Maine

Construction Type:
HIGHWAY

County(ies):

AROOSTOOK	KNOX	SAGADAHOC
FRANKLIN	LINCOLN	SOMERSET
HANCOCK	OXFORD	WALDO
KENNEBEC	PISCATAQUIS	YORK

HIGHWAY CONSTRUCTION PROJECTS excluding major bridging (for example: bascule, suspension and spandrel arch bridges; those bridging waters presently navigating or to be navigatable; and those involving marine construction in any degree); tunnels, building structures in rest area projects and railroad construction.

Modification Number	Publication Date
0	06/13/2003

COUNTY(ies):

AROOSTOOK	KNOX	SAGADAHOC
FRANKLIN	LINCOLN	SOMERSET
HANCOCK	OXFORD	WALDO
KENNEBEC	PISCATAQUIS	YORK

ENGI0004V 04/01/2003

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
Pavers	16.51	6.00
Rollers	16.51	6.00

SUME4024A 10/24/2000

	Rates	Fringes
CARPENTERS	11.60	1.51
IRONWORKERS		
Structural	12.03	1.58
LABORERS		
Drillers	10.00	2.50
Flaggers	6.00	
Guardrail Installers	7.92	
Landscape	7.87	.16
Line Stripper	8.69	.23
Pipelayers	9.21	2.31
Rakers	9.00	1.51
Sign Erectors	10.00	
Unskilled	8.66	1.38
Wheelman	8.50	.43
POWER EQUIPMENT OPERATORS		
Backhoes	11.87	2.05
Bulldozers	12.33	2.88
Cranes	14.06	1.75
Excavators	12.38	2.48
Graders	13.06	3.73

Loaders	11.41	2.87
Mechanics	13.18	2.57

TRUCK DRIVERS

Dump	9.35	3.10
Tri axle	8.70	1.18
Two axle	8.56	2.19

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a) (1) (ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

□

General Decision Number ME030010 06/13/2003 ME10

Superseded General Decision No. ME020010

State: Maine

Construction Type:
HIGHWAY

County(ies):
PENOBSCOT

HIGHWAY CONSTRUCTION PROJECTS excluding major bridging
(for example: bascule, suspension and spandrel arch bridges;
those bridging waters presently navigating or to be navigable;
and those involving marine construction in any degree); tunnels,
building structures in rest area projects and railroad
construction.

Modification Number Publication Date
0 06/13/2003

COUNTY(ies):
PENOBSCOT

ENGI0004M 04/01/2003

	Rates	Fringes
POWER EQUIPMENT OPERATORS:		
Grader	16.51	6.00
Paver	16.51	6.00
Roller	16.51	6.00

SUME4026A 10/24/2000

	Rates	Fringes
CARPENTER		
Including Form Work	11.19	1.72
CEMENT MASON/FINISHERS	9.13	
IRONWORKERS		
Stuctural	17.50	1.70
LABORERS		
Landscape	7.84	
Rakers	10.18	2.14
Unskilled	8.73	1.71
POWER EQUIPMENT OPERATORS		
Backhoes	11.81	1.88
Bulldozers	13.12	2.72
Cranes	15.25	1.70
Excavators	11.69	2.40
Loaders	12.21	3.19
TRUCK DRIVERS		
Dump	9.27	
Two Axle	9.12	1.63
Tri Axle	10.63	2.11

WELDERS - Receive rate prescribed for craft performing operation
to which welding is incidental.

=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(ii)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations

indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.
END OF GENERAL DECISION

□

Project No. STP-A126(000)X

SPECIAL PROVISION
CONSTRUCTION AREA

A Construction Area located in the **Towns of Sherman, Stacyville and Patten** has been established by the Maine Department of Transportation in accordance with provisions of Title 29, Section 1703, Maine Revised Statutes Annotated.

The section of highway under construction in Aroostook and Penobscot Counties, project STP-A126(000)X is located on Route 11, beginning 1.52 miles southerly of the Stacyville town line and extending northerly 8.77 miles.

The State Department of Transportation or the State's Engineer may issue permits for stated periods of time for moving construction equipment without loads, low-bed trailers with overloads, over-height, over-width or over-length equipment or materials over all State maintained sections described in the "Construction Area" above and in addition may issue permits for stated periods of time for moving overweight vehicles and loads over the section described in (a) above. The right to revoke such a permit at any time is reserved by the State Department of Transportation and the issuance of such permits shall be subject to any Special Provisions or Supplemental Specifications written for this project.

A Temporary Permit for each move may be issued by the State Department of Transportation or the State's Engineer for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over highways maintained by the State reasonably within the area of the project.

The Municipal Officers for the **Towns of Sherman, Stacyville and Patten** agreed that a permit will be issued to the Contractor for the purpose of hauling loads in excess of the limits as specified in Title 29, Maine Revised Statutes Annotated, on the town ways as described in the "Construction Area" and that single move permits will be issued for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over town ways reasonably within the area of the project.

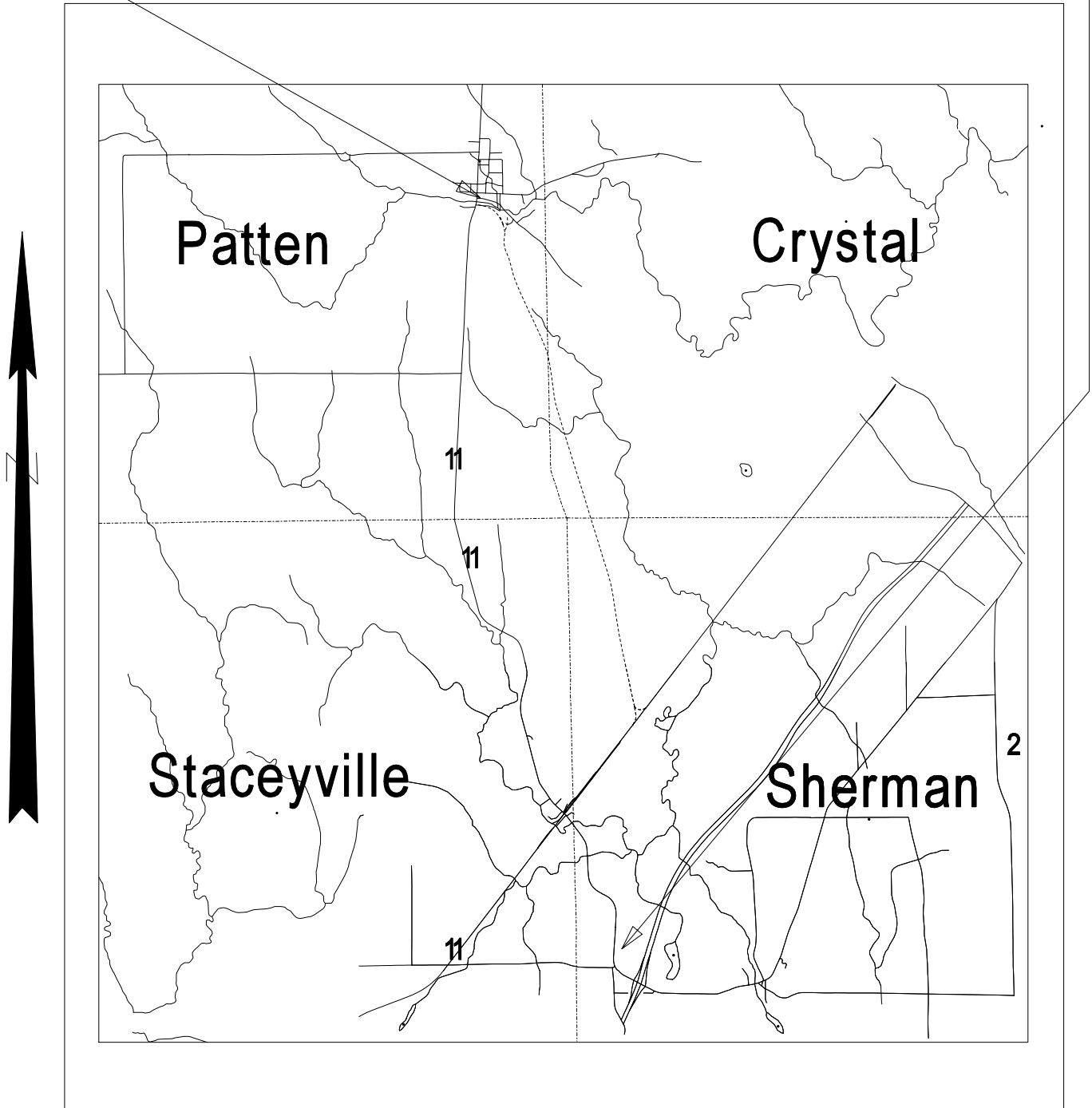
In the event it is necessary to transport gravel, borrow, or other construction material in legally registered vehicles carrying legal loads over town ways, a Contractor's Bond of not more than Nine Thousand (\$9,000.00) per kilometer of traveled length may be required by the town, the exact amount of said bond to be determined prior to use of any town way.

The maximum speed limits for trucks on any town way will be forty (40) km per hour [25 mph], unless a higher legal limit is specifically agreed upon in writing by the Municipal Officers concerned.

STP-A126(000)X

BEGIN PROJECT STA. 249+00

END PROJECT STA. 712+55



LOCATION MAP



Scale in Miles

Project No. STP-1126(100)X

SPECIAL PROVISION
CONSTRUCTION AREA

A Construction Area located in **T1 R5 WELS, Silver Ridge Twp and the Town of Sherman** has been established by the Maine Department of Transportation in accordance with provisions of Title 29, Section 1703, Maine Revised Statutes Annotated.

The section of highway under construction in Aroostook County, project STP-1126(100)X is located on Route 2, beginning 0.06 of a mile southerly of the Silver Ridge Twp town line and extending northerly 10.49 miles.

The State Department of Transportation or the State's Engineer may issue permits for stated periods of time for moving construction equipment without loads, low-bed trailers with overloads, over-height, over-width or over-length equipment or materials over all State maintained sections described in the "Construction Area" above and in addition may issue permits for stated periods of time for moving overweight vehicles and loads over the section described in (a) above. The right to revoke such a permit at any time is reserved by the State Department of Transportation and the issuance of such permits shall be subject to any Special Provisions or Supplemental Specifications written for this project.

A Temporary Permit for each move may be issued by the State Department of Transportation or the State's Engineer for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over highways maintained by the State reasonably within the area of the project.

The County and Municipal Officers for **T1 R5 WELS, Silver Ridge Twp and Town of Sherman** agreed that a permit will be issued to the Contractor for the purpose of hauling loads in excess of the limits as specified in Title 29, Maine Revised Statutes Annotated, on the town ways as described in the "Construction Area" and that single move permits will be issued for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over town ways reasonably within the area of the project.

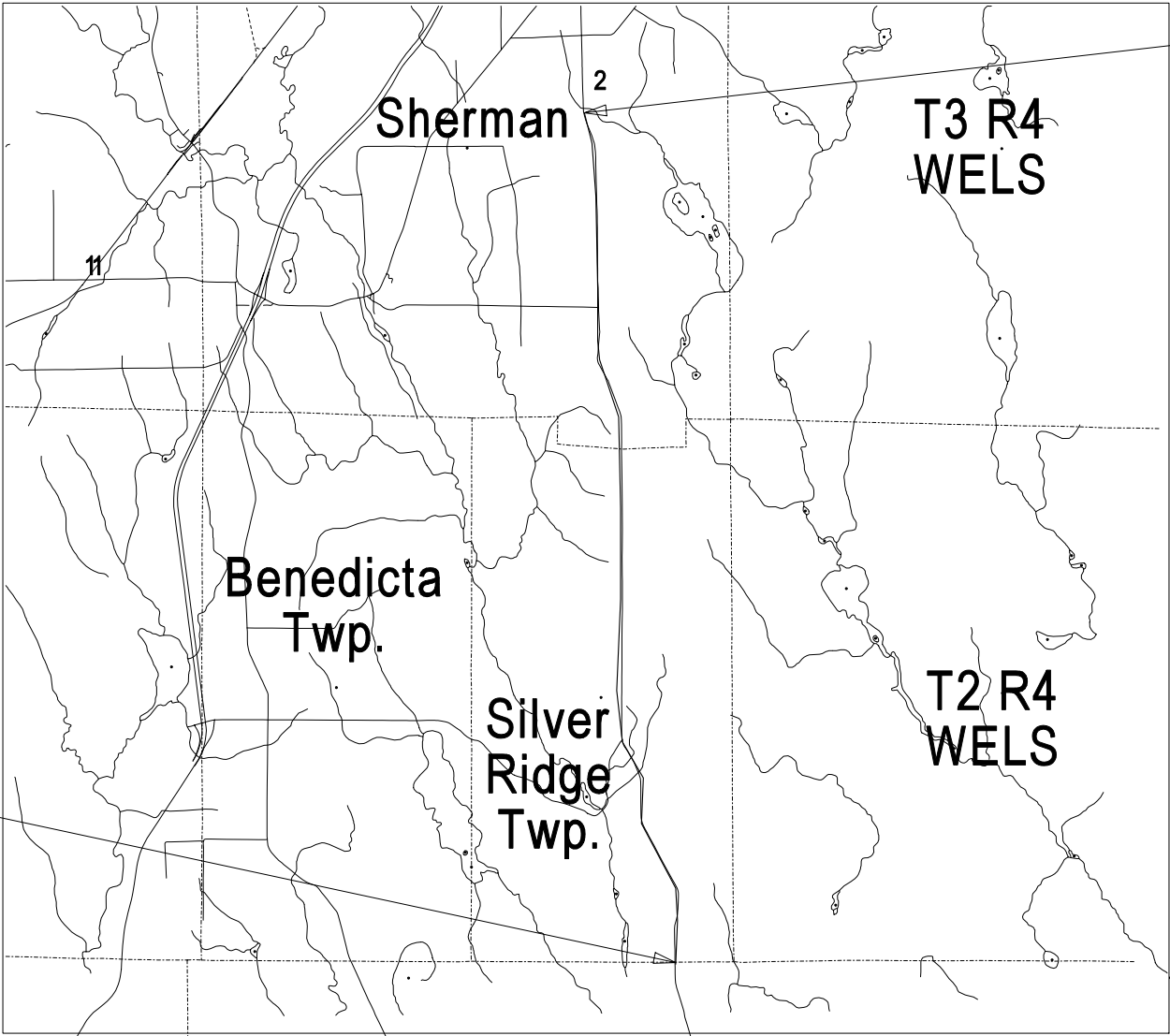
In the event it is necessary to transport gravel, borrow, or other construction material in legally registered vehicles carrying legal loads over town ways, a Contractor's Bond of not more than Nine Thousand (\$9,000.00) per kilometer of traveled length may be required by the town, the exact amount of said bond to be determined prior to use of any town way.

The maximum speed limits for trucks on any town way will be forty (40) km per hour [25 mph], unless a higher legal limit is specifically agreed upon in writing by the Municipal Officers concerned.

STP-1126(100)X

STA. 0+000 BEGIN PROJECT

STA. 553+70 END PROJECT



LOCATION MAP



Scale in Miles

Project No. STP-1134(300)X

SPECIAL PROVISION
CONSTRUCTION AREA

A Construction Area located in the **Town of Millinocket** has been established by the Maine Department of Transportation in accordance with provisions of Title 29, Section 1703, Maine Revised Statutes Annotated.

The section of highway under construction in Penobscot County, project STP-1134(300)X is located on Route 11, beginning 0.06 of a mile westerly of Ash Street and extending easterly 1.34 miles.

The State Department of Transportation or the State's Engineer may issue permits for stated periods of time for moving construction equipment without loads, low-bed trailers with overloads, over-height, over-width or over-length equipment or materials over all State maintained sections described in the "Construction Area" above and in addition may issue permits for stated periods of time for moving overweight vehicles and loads over the section described in (a) above. The right to revoke such a permit at any time is reserved by the State Department of Transportation and the issuance of such permits shall be subject to any Special Provisions or Supplemental Specifications written for this project.

A Temporary Permit for each move may be issued by the State Department of Transportation or the State's Engineer for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over highways maintained by the State reasonably within the area of the project.

The Municipal Officers for the **Town of Millinocket** agreed that a permit will be issued to the Contractor for the purpose of hauling loads in excess of the limits as specified in Title 29, Maine Revised Statutes Annotated, on the town ways as described in the "Construction Area" and that single move permits will be issued for moving Contractor's construction equipment used on the project which exceeds the legal limits (shovels, bulldozers, etc.) to sources of construction material over town ways reasonably within the area of the project.

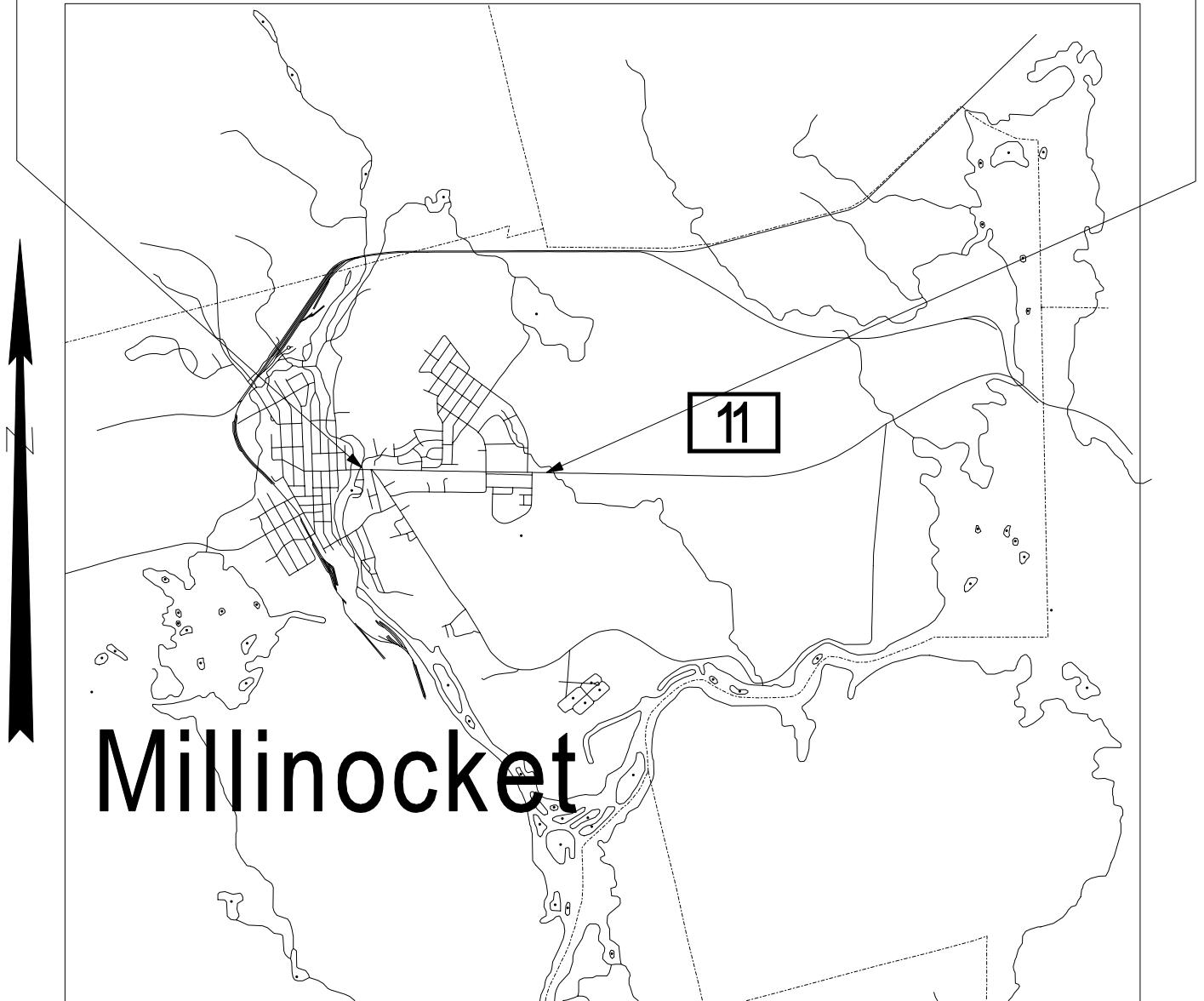
In the event it is necessary to transport gravel, borrow, or other construction material in legally registered vehicles carrying legal loads over town ways, a Contractor's Bond of not more than Nine Thousand (\$9,000.00) per kilometer of traveled length may be required by the town, the exact amount of said bond to be determined prior to use of any town way.

The maximum speed limits for trucks on any town way will be forty (40) km per hour [25 mph], unless a higher legal limit is specifically agreed upon in writing by the Municipal Officers concerned.

STP-1134(300)X

BEGIN STA 13+30

END STA 70+50



LOCATION MAP



Scale in Miles

SPECIAL PROVISION
CONSTRUCTION AREA

Title 29A, M.R.S.A., Subsection 2383. Overlimit movement permits

1. Overlimit movement permits issued by State. The Secretary of State, acting under guidelines and advice of the Commissioner of Transportation, may grant permits to move non-divisible objects having a length, width, height or weight greater than specified in this Title over a way or bridge maintained by the Department of Transportation.
2. Permit Fee. The Secretary of State, with the advice of the Commissioner of Transportation, may set the fee for these permits, at not less than \$3, nor more than \$15, based on weight, height, length and width.
3. County and municipal permits. A permit may be granted, for a reasonable fee, by county commissioners or municipal officers for travel over a way or bridge maintained by that county or municipality.
4. Permits for weight. A vehicle granted a permit for excess weight must first be registered for the maximum gross vehicle weight allowed for that vehicle.
5. Special mobile equipment. The Secretary of State may grant a permit, for no more than one year, to move pneumatic-tire equipment under its own power, including Class A and Class B special mobile equipment, over ways and bridges maintained by the Department of Transportation. The fee for that permit is \$15 for each 30-day period.
6. Scope of permit. A permit is limited to the particular vehicle or object to be moved and particular ways and bridges.
7. Construction permits. A permit for a stated period of time may be issued for loads and equipment employed on public way construction projects, United States Government projects or construction of private ways, when within construction areas established by the Department of Transportation. The Permit:
 - A. Must be procured from the municipal officers for a construction area within that municipality;
 - B. May require the Contractor to be responsible for damage to ways used in the construction areas and may provide for:
 - (1) Withholding by the agency of the work of final payment under contract; or
 - (2) The furnishing of a bond by the Contractor to guarantee suitable repair or payment of damages.
 - C. May be granted by the Department of Transportation or by the state engineer in charge of the construction contract; and
 - D. For construction areas, carries no fee and does not come within the scope of this section.
8. Gross vehicle weight permits. The following may grant permits to operate a vehicle having a gross vehicle weight exceeding the prescribed limit:

- A. The Secretary of State, with the consent of the Department of Transportation, for state and state aid highways and bridges within city or compact village limits;
 - B. Municipal officers, for all other ways and bridges within that city and compact village limits; and
 - C. The county commissioners, for county roads and bridges located in unorganized territory.
9. Pilot vehicles and state police escorts. Pilot vehicles required by a permit must be equipped with warning lights and signs as required by the Secretary of State with the advice of the Department of Transportation.

Warning lights may only be operated and lettering on the signs may only be visible on a pilot vehicle while it is escorting on a public way a vehicle with a permit.

The Secretary of State shall require a State Police escort for a single vehicle or a combination of vehicles of 125 feet or more in length or 16 feet or more in width. The Secretary of State, with the advice of the Commissioner of Transportation, may require vehicles of lesser dimensions to be escorted by the State Police.

The Bureau of State Police shall establish a fee for State Police escorts.

All fees collected must be used to defray the cost of services provided.

With the advice of the Commissioner of Transportation and the Chief of the State Police, the Secretary of State shall establish rules for the operation for the operation of pilot vehicles.

10. Taxes paid. A permit for a mobile home may not be granted unless the applicant provides reasonable assurance that all property taxes, sewage disposal charges and drain and sewer assessments applicable to the mobile home, including those for the current tax year, have been paid or that the mobile home is exempt from those taxes.

1993, c. 683, § S-2, eff. January 1, 1995.

Historical and Statutory Notes

Derivation:

R.S. 1954, c. 22 § 98
Laws 1955, c. 389
Laws 1967, c. 3.
Laws 1971, c. 593, § 22.
Laws 1973, c. 213.
Laws 1975, c. 130, §
Laws 1975, c. 319, § 2

Laws 1977, c. 73, § 5.
Laws 1981, c. 413.
Laws 1985, c. 225, § 1
Laws 1987, c. 52.
Laws 1987, 781, § 3.
Laws 1989, c. 866, § B-13.
Laws 1991, c. 388, § 8.
Laws 1993, c. 683, § A-1.
Former 29 M.R.S.A. § 2382.

Cross Reference

Collection by Secretary of State, See 29-A
M.R.S.A. § 154.

SPECIAL PROVISION
(Consolidated Special Provisions)

SPECIAL PROVISION SECTION 101
CONTRACT INTERPRETATION

101.2 Definitions - Closeout Documentation

Replace the sentence “A letter stating the amount..... DBE goals.” with “DBE Goal Attainment Verification Form”

SPECIAL PROVISION SECTION 102
DELIVERY OF BIDS
(Location and Time)

102.7.1 Location and Time Add the following sentence “As a minimum, the Bidder will submit a Bid Package consisting of the Notice to Contractors, the completed Acknowledgement of Bid Amendments & Submission of Bid Bond Validation Number form, the completed Schedule of Items, 2 copies of the completed Agreement, Offer, & Award form, a Bid Bond or Bid Guarantee, and any other Certifications or Bid Requirements listed in the Bid Book.”

SPECIAL PROVISION SECTION 103
AWARD AND CONTRACTING

103.3.1 Notice and Information Gathering

Change the first paragraph to read as follows: “After Bid Opening and as a condition for Award of a Contract, the Department may require an Apparent Successful Bidder to demonstrate to the Department’s satisfaction that the Bidder is responsible and qualified to perform the Work.”

SPECIAL PROVISION SECTION 105
GENERAL SCOPE OF WORK

105.6.2 Contractor Provided Services

Change the first paragraph by the addition of the following as the second sentence: “The Contractor is also responsible for providing construction centerline, or close reference points, for all Utility Facilities relocations and adjustments as necessary to complete the Work.”

SPECIAL PROVISION SECTION 106 QUALITY

106.6 Acceptance Add the following to paragraph 1 of A: “This includes Sections 401 - Hot Mix Asphalt, 402 - Pavement Smoothness, and 502 - Structural Concrete - Method A - Air Content.”

Add the following to the beginning of paragraph 3 of A: “For pay factors based on Quality Level Analysis, and”

SPECIAL PROVISION SECTION 107 TIME

107.3.1 General Add the following: “If a Holiday occurs on a Sunday, the following Monday shall be considered a Holiday. Sunday or Holiday work must be approved by the Department, except that the Contractor may work on Martin Luther King Day, President’s Day, Patriot’s Day, the Friday after Thanksgiving, and Columbus Day without the Department’s approval.”

SPECIAL PROVISION SECTION 108 PAYMENT

108.4 Payment for Materials Obtained and Stored First paragraph, second sentence, delete the words “...Delivered on or near the Work site at acceptable storage places.”

SPECIAL PROVISION SECTION 109 CHANGES

109.1.1 Changes Permitted Add the following to the end of the paragraph: “There will be no adjustment to Contract Time due to an increase or decrease in quantities, compared to those estimated, except as addressed through Contract Modification(s).”

109.1.2 Substantial Changes to Major Items Add the following to the end of the paragraph: “Contract Time adjustments may be made for substantial changes to Major Items when the change affects the Critical Path, as determined by the Department”

109.4.4 Investigation / Adjustment In the third sentence, delete the words “subsections (A) - (E)”

109.7.2 Basis of Payment Replace with the following: “Equitable Adjustments will be established by mutual Agreement for compensable items listed in Section 109.7.3-Compensable Items, based upon Unit or Lump Sum Prices. If Agreement cannot be reached, the Contractor shall accept payment on a Force Account basis as provided in Section 109.7.5 - Force Account Work, as full and complete compensation for all Work relating to the Equitable Adjustment.”

109.7.3 Compensable Items Replace with the following: “The Contractor is entitled to compensation for the following items, with respect to agreed upon Unit or Lump Sum Prices:

1. Labor expenses for non-salaried Workers and salaried foremen.
2. Costs for Materials.
3. A markup on the totals of Items 1 and 2 of this subsection 109.7.3 for home office overhead and profit of the Contractor, its Subcontractors and suppliers, and any lower tier Subcontractors or suppliers, with no mark-ups on mark-ups.
4. Cost for Equipment, based on Blue Book Rates or leased rates, as set forth in Section 109.7.5(C), or the Contractor’s Actual Costs.
5. Costs for extended job-site overhead.
6. Time.
7. Subcontractor quoted Work, as set forth below in Section 109.7.5 (F).”

109.7.5 Force Account Work

C. Equipment

Paragraph 2, delete sentence 1 which starts; “Equipment leased...”

Paragraph 6, change sentence 2 from “The Contractor may furnish...” to read “If requested by the Department, the Contractor will produce cost data to assist the Department in the establishment of such rental rate, including all records that are relevant to the Actual Costs including rental Receipts, acquisition costs, financing documents, lease Agreements, and maintenance and operational cost records.”

Add the following paragraph; “Equipment leased by the Contractor for Force Account Work and actually used on the Project will be paid for at the actual invoice amount plus 10% markup for administrative costs.”

Add the following section;

‘F. Subcontractor Quoted Work When accomplishing Force Account Work that utilizes Subcontractor quoted Work, the Contractor will be allowed a maximum markup of 5% for profit and overhead.”

SPECIAL PROVISION SECTION 401 HOT MIX ASPHALT PAVEMENT

401.18 Quality Control Method A & B Make the following change to paragraph a. QCP Administrator; in the final sentence, change “...certified as a Plant Technician or Paving Inspector...” to “...certified as a Quality Assurance Technologist...”

401.201 Method A Under a. Lot Size, add the following; ‘Each lot will be divided into a minimum of four sublots for mix properties and five sublots for percent TMD.’”

SPECIAL PROVISION SECTION 402 PAVEMENT SMOOTHNESS

Add the following: “Projects to have their pavement smoothness analyzed in accordance with this Specification will be so noted in Special Provision 403 - Bituminous Box.”

“402.02 Lot Size Lot size for smoothness will be 1000 lane-meters [3000 lane-feet]. A subplot will consist of 20 lane-meters [50 lane-feet]. Partial lots will be included in the previous lot if less than one-half the size of a normal lot. If greater than one-half the normal lot size, it will be tested as a separate lot.”

SPECIAL PROVISION SECTION 502 STRUCTURAL CONCRETE

502.0502 Quality Assurance Method A - Rejection by Resident Change the first sentence to read: “For an individual subplot with test results failing to meet the criteria in Table #1, or if the calculated pay factor for Air Content is less than 0.80.....”

502.0503 Quality Assurance Method B - Rejection by Resident Change the first sentence to read: “For material represented by a verification test with test results failing to meet the criteria in Table #1, the Department will.....”

502.0505 Resolution of Disputed Acceptance Test Results Combine the second and third sentence to read: “Circumstances may arise, however, where the Department may”

SPECIAL PROVISION SECTION 504
REINFORCING STEEL

504.18 Plates for Fabricated Members Change the second paragraph, first sentence from: "...ASTM A 898/A 898 M..." to "...ASTM A 898/A 898 M or ASTM A 435/A 435 M as applicable and..."

SPECIAL PROVISION SECTION 535
PRECAST, PRESTRESSED CONCRETE SUPERSTRUCTURE

535.02 Materials Change "Steel Strand for Concrete Reinforcement" to "Steel Strand." Add the following to the beginning of the third paragraph; "Concrete shall be Class P conforming to the requirements in this section. 28 day compressive strength shall be as stated on the plans. Coarse aggregate...."

535.26 Lateral Post-Tensioning Replace the first paragraph; "A final tension..." with "Overstressing strands for setting losses cannot be accomplished for chuck to chuck lengths of 7.6 m [25 ft] and less. In such instances, refer to the Plans for all materials and methods. Otherwise, post-tensioning shall be in accordance with PCI standards and shall provide the anchorage force noted in the Plans. The applied jacking force shall be no less than 100% of the design jacking force."

SPECIAL PROVISION SECTION 604
MANHOLES, INLETS, AND CATCH BASINS

604.02 Materials Add the following:

"Tops and Traps	712.07
Corrugated Metal Units	712.08
Catch Basin and Manhole Steps	712.09"

SPECIAL PROVISION SECTION 615
LOAM

615.02 Materials Make the following change:

<u>Organic Content</u>	<u>Percent by Volume</u>
Humus	"5% - 10%", as determined by Ignition Test

SPECIAL PROVISION SECTION 618 SEEDING

618.01 Description Change the first sentence to read as follows: “This work shall consist of furnishing and applying seed” Also remove “,and cellulose fiber mulch” from 618.01(a).

618.03 Rates of Application In 618.03(a), remove the last sentence and replace with the following: “These rates shall apply to Seeding Method 2, 3, and Crown Vetch.”

In 618.03(c) “1.8 kg [4 lb]/unit.” to “1.95 kg [4 lb]/unit.”

618.09 Construction Method In 618.09(a) 1, sentence two, replace “100 mm [4 in]” with “25 mm [1 in] (Method 1 areas) and 50 mm [2 in] (Method 2 areas)”

618.15 Temporary Seeding Change the Pay Unit from Unit to Kg [lb].

SPECIAL PROVISION SECTION 620 GEOTEXTILES

620.03 Placement Section (c)

Title: Replace “Non-woven” in title with “Erosion Control”.

First Paragraph: Replace first word “Non-woven” with “Woven monofilament”.

Second Paragraph: Replace second word “Non-woven” with “Erosion Control”.

620.07 Shipment, Storage, Protection and Repair of Fabric Section (a)

Replace the third sentence with the following: “Damaged geotextiles, as identified by the Resident, shall be repaired immediately.”

620.09 Basis of Payment

Pay Item 620.58: Replace “Non-woven” with “Erosion Control”

Pay Item 620.59: Replace “Non-woven” with “Erosion Control”

SPECIAL PROVISION SECTION 626 HIGHWAY SIGNING

626.034 Concrete Foundations Add to the following to the end of the second paragraph: “Pre-cast and cast-in-place foundations shall be warranted against leaning and corrosion for two years after the project is completed. If the lean is greater than 2 degrees from normal or the foundation is spalling within the first two years, the Contractor shall replace the foundation at no extra cost.”

SPECIAL PROVISION SECTION 637
DUST CONTROL

637.06 Basis of Payment Add the following after the second sentence of the third paragraph: “Failure by the Contractor to follow Standard Specification or Special Provision - Section 637 and/or the Contractor’s own Soil Erosion and Pollution Control Plan concerning Dust Control and/or the Contractor’s own Traffic Control Plan concerning Dust Control and/or visible evidence of excessive dust problems, as determined by the Resident, will result in a reduction in payment, computed by reducing the Lump Sum Total by 5% per occurrence per day. The Department’s Resident or any other representative of the Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item. Additional penalties may also be assessed in accordance with Special Provision 652 - Work Zone Traffic Control and Standard Specification 656 - Temporary Soil Erosion and Water Pollution Control.”

SPECIAL PROVISION SECTION 652
MAINTENANCE OF TRAFFIC

652.8.2 Other Items Replace the last paragraph with the following: “There will be no payment made under any 652 pay items after the expiration of the adjusted total contract time.”

SPECIAL PROVISION SECTION 656
TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL

656.5.1 If Pay Item 656.75 Provided Replace the second paragraph with the following: “Failure by the Contractor to follow Standard Specification or Special Provision - Section 656 and/or the Contractor’s own Soil Erosion and Pollution Control Plan will result in a reduction in payment, computed by reducing the Lump Sum Total by 5% per occurrence per day. The Department’s Resident or any other representative of the Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item.”

SPECIAL PROVISION SECTION 703
AGGREGATES

703.22 Underdrain Backfill Material Change the first paragraph from “...for Underdrain Type B...” to “...for Underdrain Type B and C...”

SPECIAL PROVISION SECTION 709
REINFORCING STEEL AND WELDED STEEL WIRE FABRIC

709.03 Steel Strand Change the second paragraph from "...shall be 12mm [$\frac{1}{2}$ inch] AASHTO M203M/M203 (ASTM A416/A416M)..." to "...shall be 15.24 mm [0.600 inch] diameter AASHTO M203 (ASTM A416)..."

SPECIAL PROVISION SECTION 712
MISCELLANEOUS HIGHWAY MATERIALS

Add the following:

"712.07 Tops, and Traps These metal units shall conform to the plan dimensions and to the following specification requirements for the designated materials.

Gray iron castings shall conform to the requirements of AASHTO M105, Class 30, unless otherwise designated.

Carbon steel castings shall conform to the requirements of AASHTO M103/M103M. Grade shall be 450-240 [65-35] unless otherwise designated.

Structural steel shall conform to the requirements of AASHTO M183/M183M or ASTM A283/A283M, Grade B or better. Galvanizing, where specified for these units, shall conform to the requirements of AASHTO M111.

712.08 Corrugated Metal Units The units shall conform to plan dimensions and the metal to AASHTO M36/M36M. Bituminous coating, when specified, shall conform to AASHTO M190 Type A.

712.09 Catch Basin and Manhole Steps Steps for catch basins and for manholes shall conform to ASTM C478M [ASTM C478], Section 13 for either of the following material:

- (a) Aluminum steps- ASTM B221M, [ASTM B211] Alloy 6061-T6 or 6005-T5.
- (b) Reinforced plastic steps Steel reinforcing bar with injection molded plastic coating copolymer polypropylene. Polypropylene shall conform to ASTM D 4101.

712.23 Flashing Lights Flashing Lights shall be power operated or battery operated as specified.

- (a) Power operated flashing lights shall consist of housing, adapters, lamps, sockets, reflectors, lens, hoods and other necessary equipment designed to give clearly visible

signal indications within an angle of at least 45 degrees and from 3 to 90 m [10 to 300 ft] under all light and atmospheric conditions.

Two circuit flasher controllers with a two-circuit filter capable of providing alternate flashing operations at the rate of not less than 50 nor more than 60 flashes per minute shall be provided.

The lamps shall be 650 lumens, 120 volt traffic signal lamps with sockets constructed to properly focus and hold the lamp firmly in position.

The housing shall have a rotatable sun visor not less than 175 mm [7 in] in length designed to shield the lens.

Reflectors shall be of such design that light from a properly focused lamp will reflect the light rays parallel. Reflectors shall have a maximum diameter at the point of contact with the lens of approximately 200 mm [8 in].

The lens shall consist of a round one-piece convex amber material which, when mounted, shall have a visible diameter of approximately 200 mm [8 in]. They shall distribute light and not diffuse it. The distribution of the light shall be asymmetrical in a downward direction. The light distribution of the lens shall not be uniform, but shall consist of a small high intensity portion with narrow distribution for long distance throw and a larger low intensity portion with wide distribution for short distance throw. Lenses shall be marked to indicate the top and bottom of the lens.

(b) Battery operated flashing lights shall be self-illuminated by an electric lamp behind the lens. These lights shall also be externally illuminated by reflex-reflective elements built into the lens to enable it to be seen by reflex-reflection of the light from the headlights of oncoming traffic. The batteries must be entirely enclosed in a case. A locking device must secure the case. The light shall have a flash rate of not less than 50 nor more than 60 flashes per minute from minus 30 °C [minus 20 °F] to plus 65 °C [plus 150 °F]. The light shall have an on time of not less than 10 percent of the flash cycle. The light beam projected upon a surface perpendicular to the axis of the light beam shall produce a lighted rectangular projection whose minimum horizontal dimension shall be 5 degrees each side of the horizontal axis. The effective intensity shall not have an initial value greater than 15.0 candelas or drop below 4.0 candelas during the first 336 hours of continuous flashing. The illuminated lens shall appear to be uniformly bright over its entire illuminated surface when viewed from any point within an angle of 9 degrees each side of the vertical axis and 5 degrees each side of the horizontal axis. The lens shall not be less than 175 mm [7 in] in diameter including a reflex-reflector ring of 13 mm [½ in] minimum width around the periphery. The lens shall be yellow in color and have a minimum relative luminous transmittance of 0.440 with a luminance of 2854° Kelvin. The lens shall be one-piece construction. The lens material shall be plastic and meet the luminous transmission requirements of this specification. The case containing the batteries and

circuitry shall be constructed of a material capable of withstanding abuse equal to or greater than 1.21 mm thick steel [No. 18 U.S. Standard Gage Steel]. The housing and the lens frame, if of metal shall be properly cleaned, degreased and pretreated to promote adhesion. It shall be given one or more coats of enamel which, when dry shall completely obscure the metal. The enamel coating shall be of such quality that when the coated case is struck a light blow with a sharp tool, the paint will not chip or crack and if scratched with a knife will not powder. The case shall be so constructed and closed as to exclude moisture that would affect the proper operation of light. The case shall have a weep hole to allow the escape of moisture from condensation. Photoelectric controls, if provided, shall keep the light operating whenever the ambient light falls below 215 lx [20 foot candles]. Each light shall be plainly marked as to the manufacturer's name and model number.

If required by the Resident, certification as to conformance to these specifications shall be furnished based on results of tests made by an independent testing laboratory. All lights are subject to random inspection and testing. All necessary random samples shall be provided to the Resident upon request without cost to the Department. All such samples shall be returned to the Contractor upon completion of the tests.

712.32 Copper Tubing Copper tubing and fittings shall conform to the requirements of ASTM B88M Type A [ASTM B88, Type K] or better.

712.33 Non-metallic Pipe, Flexible Non-metallic pipe and pipe fittings shall be acceptable flexible pipe manufactured from virgin polyethylene polymer suitable for transmitting liquids intended for human or animal consumption.

712.34 Non-metallic Pipe, Rigid Non-metallic pipe shall be Schedule 40 polyvinylchloride (PVC) that meets the requirement of ASTM D1785. Fittings shall be of the same material.

712.341 Metallic Pipe Metallic pipe shall be ANSI, Standard B36.10, Schedule 40 steel pipe conforming to the requirements of ASTM A53 Types E or S, Grade B. End plates shall be steel conforming to ASTM A36/A36M.

Both the sleeve and end plates shall be hot dip galvanized. Pipe sleeve splices shall be welded splices with full penetration weld before galvanizing.

712.35 Epoxy Resin Epoxy resin for grouting or sealing shall consist of a mineral filled thixotropic, flexible epoxy resin having a pot life of approximately one hour at 10°C [50°F]. The grout shall be an approved product suitable for cementing steel dowels into the preformed holes of curb inlets and adjacent curbing. The sealant shall be an approved product, light gray in color and suitable for coating the surface.

712.36 Bituminous Curb The asphalt cement for bituminous curb shall be of the grade required for the wearing course, or shall be Viscosity Grade AC-20 meeting the current requirements of Subsection 702.01 Asphalt Cement. The aggregate shall conform to the requirements of Subsection 703.07. The coarse aggregate portion retained on the 2.36 mm [No. 8] sieve may be either crushed rock or crushed gravel.

The mineral constituents of the bituminous mixture shall be sized and graded and combined in a composite blend that will produce a stable durable curbing with an acceptable texture. Bituminous material for curb shall meet the requirements of Section 403 - Hot Bituminous Pavement.

712.37 Precast Concrete Slab Portland cement concrete for precast slabs shall meet the requirements of Section 502 - Structural Concrete, Class A.

The slabs shall be precast to the dimension shown on the plans and cross section and in accordance with the Standard Detail plans for Concrete Sidewalk Slab. The surface shall be finished with a float finish in accordance with Subsection 502.14(c). Lift devices of sufficient strength to hold the slab while suspended from cables shall be cast into the top or back of the slab.

712.38 Stone Slab Stone slabs shall be of granite from an acceptable source, hard, durable, predominantly gray in color, free from seams which impair the structural integrity and be of smooth splitting character. Natural color variations characteristic of the deposit will be permitted. Exposed surfaces shall be free from drill holes or indications of drill holes. The granite slabs in any one section of backslope must be all the same finish.

The granite slabs shall be scabble dressed or sawed to an approximately true plane having no projections or depressions over 13 mm [½ in] under a 600 mm [2 ft] straightedge or over 25 mm [1 in] under a 1200 mm [4 ft] straightedge. The arris at the intersection of the top surface and exposed front face shall be pitched so that the arris line is uniform throughout the length of the installed slabs. The sides shall be square to the exposed face unless the slabs are to be set on a radius or other special condition which requires that the joints be cut to fit, but in any case shall be so finished that when the stones are placed side by side no space more than 20 mm [¾ in] shall show in the joint for the full exposed height.

Liftpin holes in all sides will be allowed except on the exposed face.

SPECIAL PROVISION SECTION 717 ROADSIDE IMPROVEMENT MATERIAL

717.05 Mulch Binder. Change the third sentence to read as follows:

“Paper fiber mulch may be used as a binder at the rate of 2.3 kg/unit [5 lb/unit].”

Town: **Millinocket, Rt. 11**
Silver Ridge TWP-Sherman, Rt. 2
Sherman-Staceyville-Patten, Rt. 11
Medway Rest Area, I-95
Projects: **STP-1134(300)X , PIN 11343.00**
STP-1126(100)X, PIN 11261.00
STP-A126(000)X, PIN 11260.00
IM-95-1195(900)E, PIN1959.00
Date: **January 12, 2004**

SPECIAL PROVISIONS
SECTION 104
Utilities

MEETING

A Pre-construction Utility Conference, as defined in Subsection 104.4.6 of the Standard Specifications **is not** required.

GENERAL INFORMATION

These Special Provisions outline the arrangements that have been made by the Department for utility and/or railroad work to be undertaken in conjunction with this project. The following list identifies all known utilities or railroads having facilities presently located within the limits of this project or intending to install facilities during project construction

Overview:

Utility/Railroad	Aerial	Underground	Railroad
Bangor Hydro-Electric Company	X		
Maine Public Service Company	X		
Eastern Maine Electric Coop., Inc	X		
Bee Line TV Inc.	X		
Sherman Cablevision	X		
Verizon	X	X	
Northland Telephone Company	X	X	
Consumers Maine Water District		X	
Montreal, Maine & Atlantic Railway			X
Maine Department of Transportation		X	

Temporary utility adjustments are **not** anticipated. If temporary relocation becomes necessary, sufficient time will need to be allowed prior to the construction for all required temporary relocation.

All utility crossings over highways will provide not less than 18 feet vertical clearance over existing ground in cut or over finished grade in fill, during construction of this project.

Any times and dates mentioned are estimates only and are dependent upon favorable weather, working conditions, and freedom from emergencies. The Contractor shall have no claim against the Department if they are exceeded.

Town: **Millinocket, Rt. 11**
Silver Ridge TWP-Sherman, Rt. 2
Sherman-Staceyville-Patten, Rt. 11
Medway Rest Area, I-95
Projects: **STP-1134(300)X , PIN 11343.00**
STP-1126(100)X, PIN 11261.00
STP-A126(000)X, PIN 11260.00
IM-95-1195(900)E, PIN 11959.00
Date: **January 12, 2004**

AERIAL

No Aerial Utility adjustments are anticipated as part of this project. All above ground utility locations (hydrants, poles, guys, etc.) will be reviewed for compliance with the Department's Above Ground Pole Policy following the completion of the paving operation. Any above ground utility locations not meeting the Department's Above Ground Pole Policy will require relocation to the proper offset.

SUBSURFACE

Maine Department of Transportation

The Maine Department of Transportation has underground facilities, Flashing Speed Limit signs and Highway lighting in and around these projects. Should any subsurface work be necessary in the vicinity of these ramps, the contractor shall contact Ron Cote at 624-3602 for location and marking of the facilities. The contractor shall provide at least a five (5) working day notice before commencing any work in that area.

UTILITY SIGNING

Any utility working within the construction limits of this project shall ensure that the traveling public is adequately protected at all times. All work areas shall be signed, lighted, and traffic flaggers employed as determined by field conditions. All traffic controls shall be in accordance with the latest edition of the Manual on Uniform Traffic Control Devices for Streets and Highways, as issued by the Federal Highway Administration.

SAFE PRACTICES AROUND UTILITY FACILITIES

The Contractor shall be responsible for complying with M.R.S.A. Title 35-A, Chapter 7-A Sections 751 - 761 Overhead High-Voltage Line Safety Act. Prior to commencing any work that may come within ten (10) feet of any aerial electrical line; the Contractor shall notify the aerial utilities as per Section 757 of the above act.

DIG SAFE

The Contractor shall be responsible for determining the presence of underground utility facilities prior to commencing any excavation work and shall notify utilities of proposed excavation in accordance with M.R.S.A. Title 23 §3360-A, Maine "Dig Safe" System.

MAINTAINING UTILITY LOCATION MARKINGS

The Contractor will be responsible for maintaining the buried utility location markings following the initial locating by the appropriate utility or their designated representative.

Town: **Millinocket, Rt. 11**
Silver Ridge TWP-Sherman, Rt. 2
Sherman-Staceyville-Patten, Rt. 11
Medway Rest Area, I-95
Projects: **STP-1134(300)X , PIN 11343.00**
STP-1126(100)X, PIN 11261.00
STP-A126(000)X, PIN 11260.00
IM-95-1195(900)E, PIN 11959.00
Date: **January 12, 2004**

THE CONTRACTOR SHALL PLAN AND CONDUCT HIS WORK ACCORDINGLY.

The following utilities are known to be located on this project:

Bangor Hydro-Electric Company	Brain Gray	973-2514
Maine Public Service	Dennis Drew	760-2550
Eastern Maine Electric Coop., Inc.	Andrew Tickle	454-7555
Bee Line TV Inc.	Tom Rideout	723-4455
Sherman Cablevision	Ronald Dee	532-3320
Verizon	Erine Mayo (Millinocket)	990-5243
	Glen Machett	990-5236
	Frank Connolly(Location)	990-5263
Northland Telephone Company	Dwayne Hartin	463-9950
Consumers Maine Water Co.	David Beaulieu	723-6278
Montreal, Maine & Atlantic Railroad	Tom Klemm	848-4246
State of Maine, Department of Transportation	Ron Cote	624-3602
	Debbie Morgan (Traffic)	624-3606

SPECIAL PROVISION
SECTION 107
SCHEDULING OF WORK

Replace Section 107.4.2 with the following:

"107.4.2 Schedule of Work Required Within 21 Days of Contract Execution and before beginning any on-site activities, the Contractor shall provide the Department with its Schedule of Work. The Contractor shall plan the Work, including the activity of Subcontractors, vendors, and suppliers, such that all Work will be performed in Substantial Conformity with its Schedule of Work. The Schedule must include sufficient time for the Department to perform its functions as indicated in this Contract, including QA inspection and testing, approval of the Contractor's TCP, SEWPCP and QCP, and review of Working Drawings.

At a minimum, the Schedule of Work shall include a bar chart which shows the major Work activities, milestones, durations, and a timeline. Milestones to be included in the schedule include: (A) start of Work, (B) beginning and ending of planned Work suspensions, (C) Completion of Physical Work, and (D) Completion. If the Contractor Plans to Complete the Work before the specified Completion date, the Schedule shall so indicate.

Any restrictions that affect the Schedule of Work such as paving restrictions or In-Stream Work windows must be charted with the related activities to demonstrate that the Schedule of Work complies with the Contract.

The Department will review the Schedule of Work and provide comments to the Contractor within 20 days of receipt of the schedule. The Contractor will make the requested changes to the schedule and issue the finalized version to the Department."

Special Provision
Section 107
Prosecution and Progress
(Contract Time)

1. The contractor will be allowed to commence work on or after May 17, 2004 provided that all required plans/submittals have been received and approved by the MDOT.
2. Only one paving operation will be allowed excluding hand placed paving unless approved by the Resident.
3. A 24 hour notice will be required for any changes in the work schedule.
4. Contractor will not be allowed to work on more than two projects simultaneously unless otherwise approved by the resident.
5. For every weekday not worked once operations commence, the contractor will be charged liquidated damages in the amount of \$750 (excluding inclement weather days).
6. The completion date for this contract is August 13, 2004.

SPECIAL PROVISION
SECTION 401
HOT MIX ASPHALT
($\frac{3}{4}$ inch (20mm) Surface Treatment)

Description The Contractor shall furnish and place one or more courses of Hot Mix Asphalt (HMA) pavement on an approved base in accordance with the Contract documents and in reasonably close conformity with the lines, grades, thicknesses and typical cross sections shown on the plans or established. The Department shall accept this work under Quality Assurance provisions as specified in Standard Specifications Section 401 – Hot Mix Asphalt Pavement, and Standard Specifications Section 106 - Quality.

The 20 mm [$\frac{3}{4}$ in] HMA Surface Course shall meet all of the Materials, Seasonal Limitations and Construction requirements of Section 401, with the following additions and changes.

GRADATION REQUIREMENTS

Sieve Size	Percent Passing
12.5 mm	100
9.5 mm	95-100
4.75 mm	-95
2.36 mm	32-67
1.18 mm	-
0.600 mm	-
0.300 mm	-
0.075 mm	2-10

VOLUMETRIC DESIGN CRITERIA

Voids at N _{des}	4.0
VMA	15.0 minimum
VFB	65-80
Fines/Eff.Binder	0.6-1.2

A test strip at a nominal depth of 30mm [$1\frac{1}{4}$ in], full lane width, shall be required if the JMF has not been used or approved on a MDOT project in the current calendar year. If a test strip is required, it shall conform to the following requirements:

On roads open to two way traffic, the test strip shall be placed over the full width of the travel way section, not to exceed 600 meters [2000 ft] in length, or 400 Mg [440 ton] production. Prior to the placement of the test strip a passing verification test is required. A fog coat of Item 409.15, Bituminous Tack Coat, shall be applied to the level course prior to the placement of the 20mm Surface Treatment Course, payment to be made under the 409.15 pay item.

The test strip **shall not** be excluded from QA analysis, but will be evaluated in accordance with Section 401.03. The Contractor shall notify the Department at least 48 hours in advance of placing

the test strip. The test strip is intended to allow the Contractor to establish a method of compaction for the 20mm [$\frac{3}{4}$ in] surface course areas. Once the methods are established, rolling patterns, equipment, and methods will become part of the QCP. The test strip will allow for any necessary adjustments to the mix design and or plant mixing procedures, as well as for the Department to evaluate the quality of the pavement.

Mix samples and cores will be obtained from the test strip. A minimum of three mix samples shall be randomly selected from the test strip. Five cores shall be randomly sampled from the mat and tested for density verification. Should the resulting core values average less than 92.0% TMD, (average of 5 tests), the Department will reject the strip. The Contractor will remove and replace rejected test strips at their expense. After completion of the test strip, the Contractor shall make any final adjustments to the job mix formula in accordance to Standard Specifications, Section 401, subsection 401.03 - Composition of Mixtures, or compaction method. Paving operations shall not resume until the Contractor and the Department determines that material meeting the Contract requirements can be produced, and any changes to the Job Mix Formula have been approved by the Department. The Department shall pay for an accepted test strip as determined Section 401.222 – Pay Factor A and B, for this item. A new test strip shall be required if a current lot is terminated or completed, and a new lot is started.

The Department may halt the production and placement of the 20mm [$\frac{3}{4}$ in] HMA Surface Course and require the construction of a new test strip if the Department finds that material being produced, hauled, or placed does not meet the requirements of Sections 401.08 through 401.18.

The Contractor shall sample, test, and evaluate Hot Mix Asphalt Pavement in accordance with the minimum frequencies outlined in Section 401, Table 2: Minimum Quality Control Frequencies.

The Contractor shall monitor plant production using running average of three control charts as specified in Section 106, and Control Limits as specified in Section 401, Table 3: Control Limits.

The Acceptance Criteria shall be as specified in Section 401, Table 4: Acceptance Criteria.

The Acceptance Limit targets will be as specified on the JMF, and the Department will use the appropriate Acceptance Limits table from Section, Table 5: Method A, or Table 7: Method B and C, for the acceptance method noted in the Special Provision 403.

The Contractor shall cease paving operations whenever one of the following occurs on a lot in progress:

- a) The Pay Factor for VMA, Voids @ N_d , Percent PGAB, composite gradation, VFB, fines to effective binder or density using all Acceptance or all Quality Control tests for the current lot is less than 0.85.
- b) The Coarse Aggregate Angularity or Fine Aggregate Angularity value falls below the requirements of Section 703.07 , Table 3, for the design traffic level.
- c) Each of the first 2 control tests for the lot fall outside the upper or lower limits for VMA, Voids @ N_d , or Percent PGAB. This includes any case where both tests are out on the same, or different properties.

- d) The Flat and Elongated Particles value exceeds 10 percent by ASTM D-4791.
- e) There is any visible damage to the aggregate due to over-densification other than on variable depth shim courses.
- f) The Contractor fails to follow the approved QCP.
- g) The Contractors control chart shows the process to be out of control on any property listed in Section 401, subsection 401.18 , Table 3: Control Limits

Price Adjustment The Department will apply price adjustments for the Hot Mix Asphalt utilized under this Special Provision as outlined in Section 401.222 : Pay Factor for methods A and B; mixes with Volumetric Property requirements.

Dispute Resolution The Contractor may dispute an acceptance test for this item as outlined in Section 401.223 for PGAB, Air Void, and VMA Content only.

Method of Measurement The Department will measure Hot Mix Asphalt pavement by the megagram in accordance with Section 109 - Measurement and Payment.

Basis of Payment The Department will pay for the Work, in place and accepted, in accordance with the applicable sections of the Special Provisions at the contract unit price per megagram(ton).

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
403.210 9.5mm Hot Mix Asphalt Pavement	Megagram (ton)

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. of Layers	Comp. Notes
<u>Mainline Travelway and Existing Paved Shoulders</u>						
<u>$\frac{3}{4}$ inch Overlay</u>						
Wearing	9.5mm	403.210	N/A	$\frac{3}{4}$ "	1	4,7,20,22
Shim	4.75mm	403.212	N/A	variable	1/more	2,4,7,,20
<u>Approach Roads</u>						
Wearing	9.5mm	403.210	N/A	1 "	1	4,7,
<u>Drives, Misc.</u>						
Wearing	9.5mm	403.209	N/A	$\frac{3}{4}$ " – 1"	1/more	2,3,9,10,13

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS.
7. Section 106.6 Acceptance, (1) Method A.
9. Section 106.6 Acceptance, (2) Method C.
10. A **"FINE"** 9.5 mm mix with a gradation above or through the restricted zone shall be used for this item.
13. A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.
20. The Contractor may place the specified HMA pavement course, not to exceed $\frac{3}{4}$ inch (20mm) compacted depth, over the full single travel lane width, for each production day. If this option is utilized the Contractor will be required to place a matching course of HMA over the adjacent section of travel lane before the end of the following calendar day. The Contractor will also be responsible for installing additional warning signage that clearly defines the centerline elevation differential hazard, as well as additional centerline delineation such as double RPM application, or temporary painted line. The Traffic Control Plan shall be amended to include this option and the additional requirements. All signs and traffic control devices will conform to Section 719.01, and Section 652, and will be installed prior to the work, at a maximum spacing of 0.50 mile [0.80 km] for the entire length of the effected roadway section. On roadways with two-way traffic, the Contractor will be required to place the specified course over the full width of the mainline traveled way being paved prior to opening the sections to weekend or holiday traffic. If this option is utilized, all additional signing, labor, traffic control devices, or incidentals will not be paid for directly, but will be considered incidental to the appropriate 652 items.
22. See Special Provision 401 – $\frac{3}{4}$ inch (20mm) Surface Treatment for project specifics.

**Sherman - Patten
STP-1126(000)X
TWP 01R05 Wels – Silver Ridge
STP-A126(100)X
Millinocket STP-1134(300)X
20mm [$\frac{3}{4}$ in] Surface Treatment
January 21, 2004**

Tack Coat

A tack coat of emulsified asphalt, RS-1 or HFMS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.025 gal/yd².

Tack used between layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

SPECIAL PROVISION
SECTION 403
HOT MIX ASPHALT OVERLAY

Desc. of Course	Grad. Design	Item Number	Bit Cont. % of Mix	Total Thick	No. of Layers	Comp. Notes
<u>I-95 Rest Area Parking Areas</u>						
<u>1 inch Overlay</u>						
Wearing	9.5mm	403.210	N/A	1"	1	4,7,20
Shim	4.75mm	403.212	N/A	variable	1/more	2,4,7
<u>Sidewalks, Misc.</u>						
Wearing	9.5mm	403.209	N/A	1"	1/more	2,3,9,10,13

COMPLEMENTARY NOTES

2. The density requirements are waived.
3. The design traffic level for mix placed shall be <0.3 million ESALS.
4. The design traffic level for mix placed shall be 0.3 to <3 million ESALS.
7. Section 106.6 Acceptance, (1) Method A.
9. Section 106.6 Acceptance, (2) Method C.
10. A **"FINE"** 9.5 mm mix with a gradation above or through the restricted zone shall be used for this item.
13. A mixture meeting the requirements of section 703.09 Grading 'D', with a minimum PGAB content of 6%, and the limits of Special Provision 401, Table 9 (Drives and Sidewalks) for PGAB content and gradation may be substituted for this item. A job mix formula shall be submitted to the department for approval.
20. There shall be no bonus for density for material placed as **surface course** on the parking areas, ramps, and shoulders. Density for material placed as **surface** shall be obtained by the same rolling train and methods as described in the ¾ inch Surface Treatment Special Provision included in this contract, unless otherwise directed by the Department. Efforts to obtain optimum compaction will not be waived by the Department unless it is apparent during construction that local conditions make densification to this point detrimental to the pavement surface course.

Tack Coat

A tack coat of emulsified asphalt, RS-1 or HFMS-1, Item 409.15 shall be applied to any existing pavement at a rate of approximately 0.025 gal/yd², and on milled pavement approximately 0.05 gal/yd², prior to placing a new course. A fog coat of emulsified asphalt shall be applied between shim / intermediate course and the surface course, at a rate not to exceed 0.025 gal/yd².

Tack used between layers of pavement will be paid for at the contract unit price for Item 409.15 Bituminous Tack Coat.

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC
(Traffic Control)

652.7 Method of Measurement. This entire Subsection is revised to read:
Traffic Control Supervisor, furnishing, installation, and maintenance of all traffic control devices will be measured as one **lump sum** for all work authorized and performed.

652.8 Basis of Payment. This entire Subsection is revised to read:
Traffic Control will be paid for at the contract **lump sum** price. Payment will be full compensation for the Traffic Control Supervisor, approach signs, work area signs, drums, cones, panel markers, barricades, arrow boards etc. and maintenance thereof including the setting up and taking down of lane closures as many times as necessary shall be considered part of the lump sum price.

Maintenance of signs includes: replacing devices damaged, lost, or stolen, and cleaning and moving as many times as necessary throughout the life of the contract, regardless whether the work areas or projects are geographically separated or not separated.

The Lump Sum will be payable in installments as follows: 5% of the Lump Sum once the approach signing is complete and approved, with the 95% balance to be paid as the work progresses at a rate proportional to the percentage completion of the Contract.

Failure by the contractor to follow the Contracts 652 Special Provisions and/or The Manual on Uniform Traffic Control Devices (MUTCD) and/or The Contractors own Traffic Control Plan will result in a reduction in payment, computed by reducing The Lump Sum Total by 5% per occurrence. The Departments Resident Engineer or any other representative of The Department reserves the right to suspend the work at any time and request a meeting to discuss violations and remedies. The Department shall not be held responsible for any delay in the work due to any suspension under this item.

All other requirements under the Standard Specifications Section 652 will be a part of the lump sum item.

There will be no extra payment for this pay item after the expiration of contract time.

Payment will be made under:

<u>Pay Item</u>	<u>Pay Unit</u>
652.39 Work Zone Traffic Control	Lump Sum

SPECIAL PROVISION
SECTION 652
MAINTENANCE OF TRAFFIC

Approaches Approach signing shall include the following signs as a minimum. Field conditions may warrant the use of additional signs as determined by the Resident.

Road Work Next x Miles
Road Work 500 Feet
End Road Work

Work Area At each work site, signs and channelizing devices shall be used as directed by the Resident. Signs include:

Road Work xxxx¹
One Lane Road Ahead
Flagger Sign

Other typical signs include:

Be Prepared to Stop
Low Shoulder
Bump
Pavement Ends

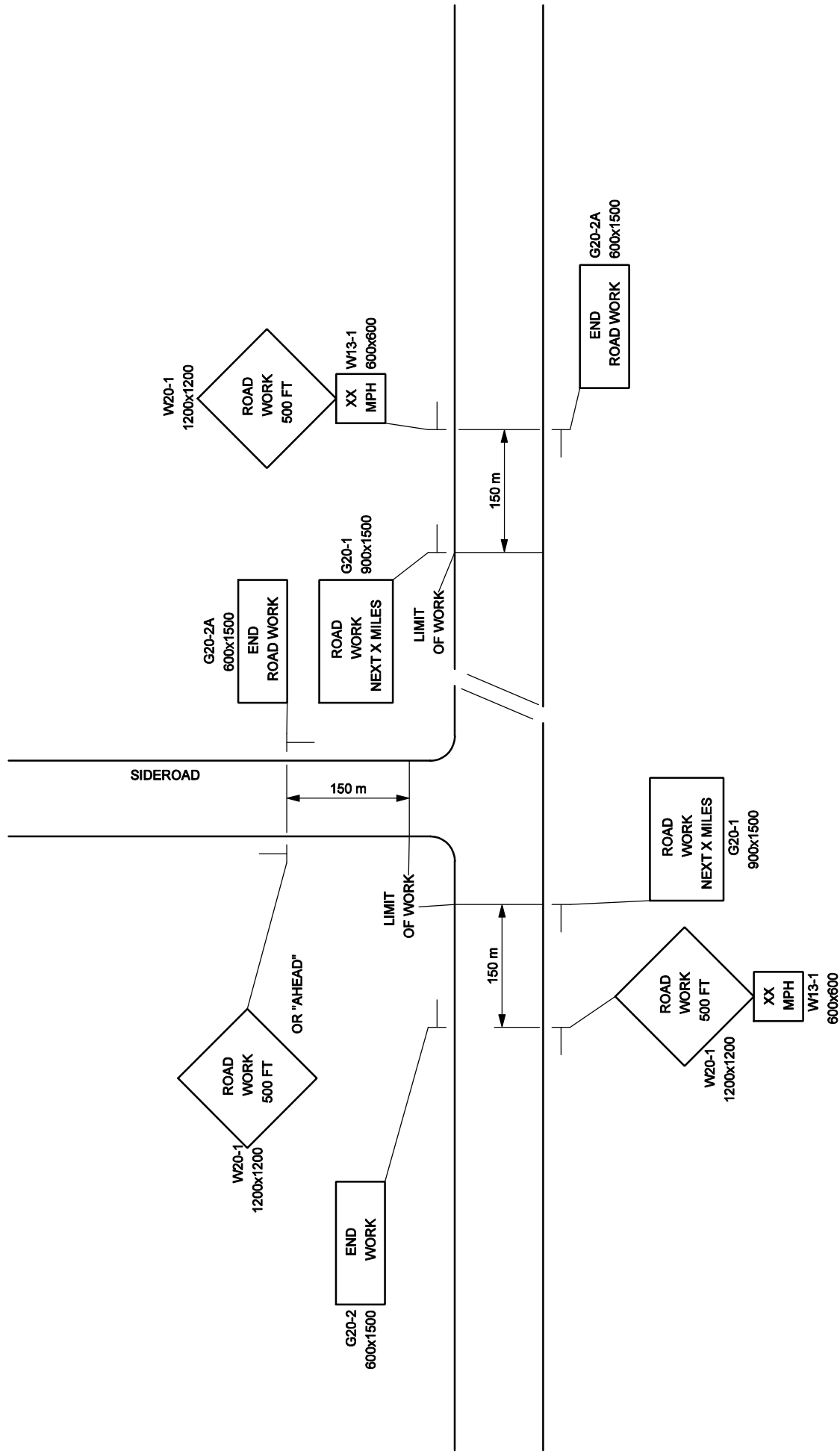
The above lists of Approach signs and Work Area signs are representative of the contract requirements. Other sign legends may be required.

The Contractor shall conduct their operations in such a manner that the roadway will not be restricted to one lane for more than 800 m [2,500 ft] at each work area. Where more than one work area restricts traffic to one lane operation, these work areas shall be separated by at least 1.6 km [1 mile] of two way operation.

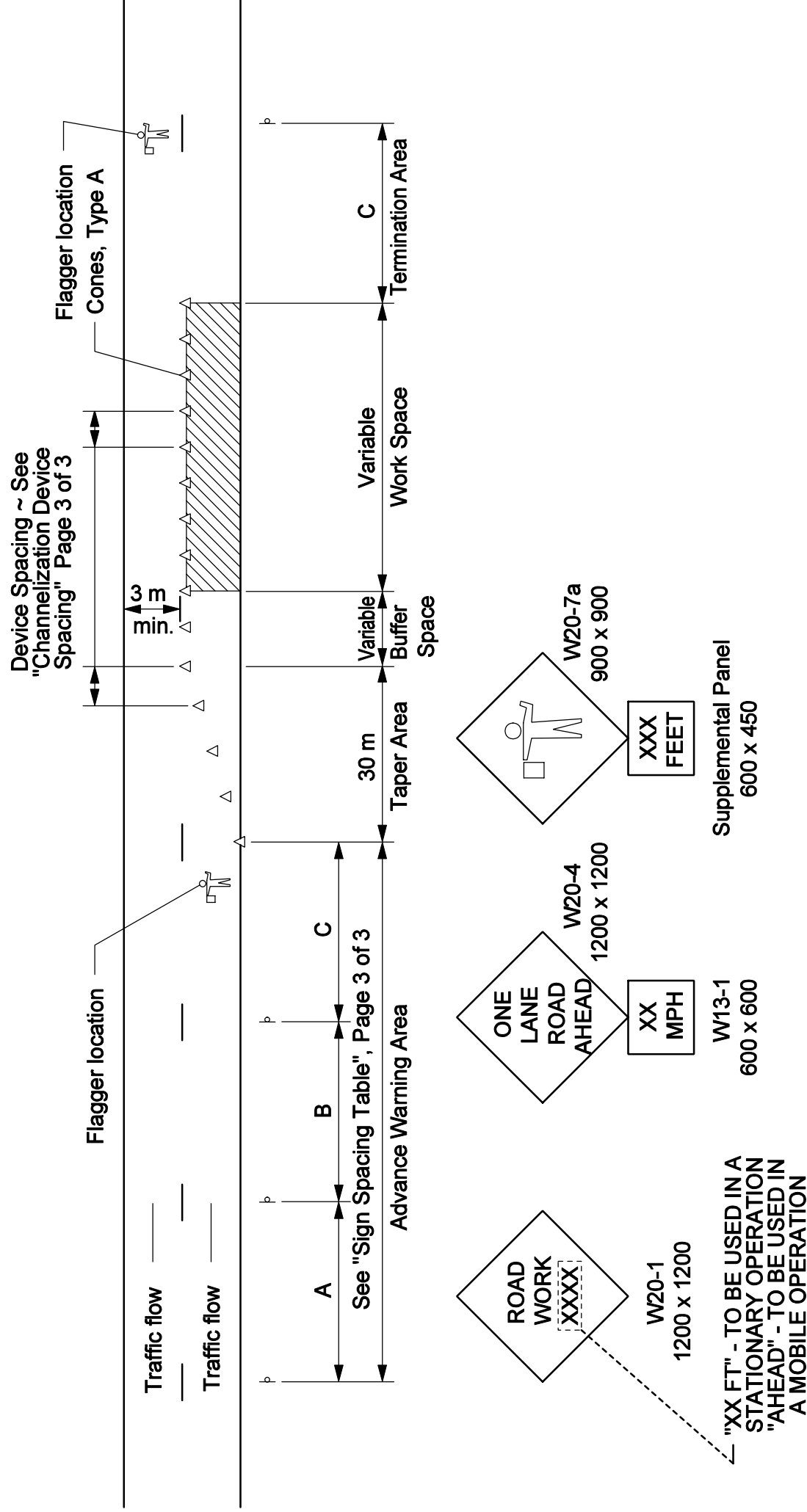
Temporary Centerline A temporary centerline shall be placed each day on all new pavement to be used by traffic. The temporary centerline, when specified of reflectorized traffic paint, shall conform to the standard marking patterns used for permanent markings.

Failure to apply a temporary centerline daily will result in suspension of paving until temporary markers are applied to all previously placed pavement.

¹ "Road Work Ahead" to be used in mobile operations and "Road Work xx ft" to be used in stationary operations as directed by the Resident.



TYPICAL -- PROJECT APPROACH SIGNING -- TWO WAY TRAFFIC



TYPICAL APPLICATION: TWO - WAY, TWO LANE ROADWAY, CLOSING ONE LANE USING FLAGGERS

* Formulas for L are as follows:

For speed limits of 40 mph (60 km/h) or less:

$$L = \frac{WS^2}{60} \quad (L = \frac{WS^2}{155})$$

For speed limits of 45 mph (70 km/h) or greater:

$$L = WS \quad (L = \frac{WS}{1.6})$$

* Formulas for L are as follows:

A minimum of 5 channelization devices shall be used in the taper.

TYPE OF TAPER	TAPER LENGTH (L)*
Merging Taper	at least L
Shifting Taper	at least 0.5L
Shoulder Taper	at least 0.33L
One-Lane, Two-Way Traffic Taper	100 ft (30 m) maximum
Downstream Taper	100 ft (30 m) per lane

CHANNELIZATION DEVICE SPACING

The spacing of channelization devices shall not exceed a distance equal to 1.0 times the speed limit in mph when used for taper channelization, and a distance in feet of 2.0 times the speed limit in mph when used for tangent channelization.

GENERAL NOTES;

1. Final placement of signs and devices may be changed to fit field conditions as approved by the Resident.

SIGN SPACING TABLE			
Road Type	Distance Between Signs**		
	A	B	C
Urban 30 mph (50 km/h) or less	100 (30)	100 (30)	100 (30)
Urban 35 mph (55 km/h) and greater	350 (100)	350 (100)	350 (100)
Rural	500 (150)	500 (150)	500 (150)
Expressway / Urban Parkway	2,640 (800)	1,500 (450)	1000 (300)

**Distances are shown in feet (meters).

SUGGESTED BUFFER ZONE LENGTHS

Speed (mph)	Length (feet)	Speed (mph)	Length (feet)
20	115	40	325
25	155	45	360
30	200	50	425
35	250	55	495

1/23/04

**SPECIAL PROVISION
SECTION 656**

Temporary Soil Erosion and Water Pollution Control

Standard Specification 656 of the Standard Specifications is deleted and replaced by this Special Provision.

The following information and requirements will constitute the Soil Erosion and Water Pollution Control Plan for this Project. The soil erosion and water pollution control measures associated with this work are as follows:

1. All work shall be done in accordance with the latest revision of the Maine Department of Transportation Best Management Practices for Erosion and Sediment Control (a.k.a. Best Management Practices manual or BMP Manual). The "Table of Contents" of the latest version is dated "1/19/00" (available at <http://www.state.me.us/mdot/mainhtml/bmp/bmpjan2000.pdf>.) **Procedures specified shall be according to the BMP Manual unless stated otherwise.**
2. The on-site person responsible for implementation of this plan, shall be the Contractor's Superintendent or other supervisory employee (the "Environmental Coordinator") with the authority to immediately remedy any deficient controls and shall provide the Resident with their numbers (telephone number, cellular phone and pager numbers, if applicable) where the Environmental Coordinator can be reached 24 hours a day.
3. All areas where soil is disturbed shall be permanently mulched on a daily basis and seeded on a weekly basis (if seeded by hand, it shall be done on a daily basis). All previously mulched areas shall be maintained and re-mulched on a daily basis if bare areas develop until an acceptable growth of grass has been obtained.
4. All disturbed ditches shall receive erosion control blanket or stone rip rap prior to leaving the site each day.
5. If the Work includes the handling or storage of petroleum products or Hazardous Materials including the on site fueling of Equipment, the Resident must be provided with a Spill Prevention Control and Countermeasure Plan (SPCCP) plan. At a minimum, the SPCCP shall include:
 - The name and emergency response numbers (telephone number, cellular phone and pager numbers, if applicable) of the Contractor's representative responsible for spill prevention;
 - General description and location of (1) handling, transfer, storage, and containment facilities of such products or Materials ("activities and facilities") and (2) potential receptors of such products or Materials including oceans, lakes, ponds, rivers, streams, wetlands, and sand and gravel aquifers ("sensitive resources") including the distances between said activities and facilities and said sensitive resources;

1/23/04

SPECIAL PROVISION
SECTION 656

Temporary Soil Erosion and Water Pollution Control

- Description of preventative measures to be used to minimize the possibility of a spill including Equipment and/or Materials to be used to prevent discharges including absorbent Materials,
 - A contingency response plan to be implemented if a spill should occur including a list of emergency phone/pager numbers including the Contractor's representative, MDEP Spill Response, the Resident, and local police and fire authorities. For a related provision, see *Standard Specification, Section, 105.2.2 - Project Specific Emergency Planning*.
6. The Environmental Coordinator must inspect and maintain daily all controls for the duration of the project.
 7. Any costs related to this plan shall be considered incidental to the contract.
 8. If the Project Resident directs soil disturbance that require temporary erosion and sedimentation control, all permits shall be obtained by the DOT and a full SEWPCP will be required and paid for as Extra Work.